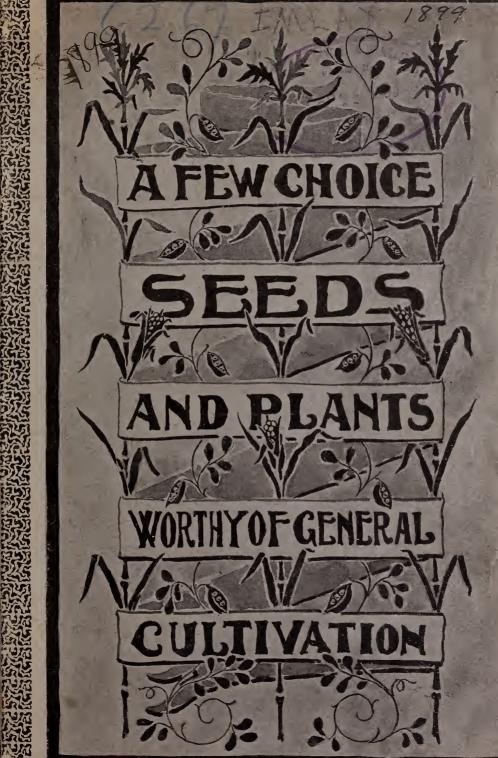
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Do not assume content reflects current scientific knowledge, policies, or practices.





To Our Friends and Patrons:

This yearly opportunity of greeting you is a sincere pleasure—a pleasure which grows as the number of our patrons increases. We feel that this greeting is received by you in the same spirit that it is given, and that our earnest efforts to maintain the "good will" of our customers have not been in vain.

We rely upon the confidence which our customers place in us as a basis

for the continuence of our dealings and the development of our trade.

There is no business which depends so much on reputation as the Seed Business, for the reason that no disappointment is so great as that result-

ing from the sale of poor seeds.

With these points in view we make it our foremost principle to sell nothing but the best stocks procurable, and nothing testifies so directly to the fact that our efforts are appreciated, as the thrifty and substantial growth of our business.

This Catalogue is presented to you as a personal solicitor of trade, and as our representative, it portrays accurately the vast assortment of goods

which we have to offer.

We have made it attractive, not by an elaborate display of colors, but by concise descriptions, true engravings and interestingly LOW PRICES, which will appeal to all buyers. These prices are so low as to compete with many poor goods that are being imposed upon the growers of this section.

Respectfully,

JNO. D. IMLAY. 54 North Fifth St., Zanesville, O.

January 25, 1899.

REMARKS.

READ CAREFULLY BEFORE PURCHASING.

TERMS—Our terms are strictly cash. Remittance should accompany all orders.

PRICES—Prices are quoted by the packet, ounce, pound, quart and bushel. They are the prices ruling at this date and do not include cost of transportation.

POSTAGE—We send postpaid, to any postoffice in the United States, all packets, ounces of Flower and Vegetable Seeds (Beans, Peas and Corn excepted). On all seeds by weight, where quantity exceeds that above mentioned, 8c per pound must be added for postage. On corn. 5c per pint, 10c per quart, and on Beans and Peas, 8c per pint and 15c per quart must be added for postage. All seeds or plants sent by express or freight will be sent at the expense of purchaser.

PACKING—We make no charge for boxes, barrels or packing, or delivery to depots, boats or express office.

BAGS-When bags are required they are charged at cost only.

REMITTANCES—Remittances may be made by New York Draft, Post Office Money Order, Registered Letter, or by Express.

ADDRESS—In ordering be particular to sign your Name, Post Office, County and State plainly, also mention the mode of transportation you prefer—whether by Mail, Express or Freight.

WARRANTS—There are hundreds of contingencies continually arising that prevent the best seeds always giving satisfaction, and for this reason we wish to state explicitly that while we have used the greatest care in the selection of our stock, to have it true to name, pure and reliable, our seeds are sold without any warranty, expressed or implied, and without any responsibility in respect to the crop.

1	JNO FORWARD TO:	JNO. D. IMLAY, No. 54 North Fifth Street, Zanesville, Ohio,	0,	BINDER FOLIC
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Vegetable Seeds.

I desire to again call special attention to the size of my Vegetable Seed Packets. It is customary to offer all seeds in 5c. packets, and some seedsmen offer 3c. packets, but you have no idea of their size or the quantity contained in them. I have adopted the plan of stating just how much packets will weigh or measure, and guarantee full weight and measure. If you notice the quantity required for a given space, enumerated at the head of each variety, you can tell just how much or how many packets of each sort to order.

POSTAGE.—Our prices include postage on all seeds in packets and ounces only. On Corn. Peas and Beans. Sc. per pint and 15c. per quart must be added to Catalogue prices. Seeds offered in larger lots than ounces go at purchaser's expense, unless stated otherwise.

SPECIAL RATES ON VEGETABLE AND FLOWER SEEDS IN PACKETS.

To induce our patrons to form clubs to purchase Seeds in quantity, we offer the following liberal discounts on Vegetable Seeds in 5c. packets, mailed postage paid:

For 25 Cents select 6 five-cent packages of seeds.

For 50 Cents select 13 five-cent packages of seeds.

For \$1.00 select seeds in packets (no full ounces, remember,) to the amount of \$1.30.

For \$2.00 select seeds in packets (no full ounces, remember,) to the amount of \$2.65.

For \$3.00 select seeds in packets (no full ounces, remember,) to the amount of \$4.00. These prices refer to seeds in 5c. packets only. All full weight, according to variety.

ARTICHOKE.

Jerusalem. Grown exclusively for its tubers, which somewhat resemble potatoes, and are cultivated in a similar manner, only that the rows should be at least four feet apart when grown in strong soils. Tubers, 25c per quart by mail; 75c peck, \$2.00 per bushel, shipped at buyer's risk.



Palmetto.

ASPARAGUS.

One ounce of seed sows sixty feet of drill. About 400 plants to the ounce.

Palmetto. (See cut.) Claimed to be an earlier, better yielder, and

more even grower than Colossal. 5c ¼ oz, 10c oz, 60c lb.

Barr's Flammoth. Very large and uniform, grows very quick, and is very light in color. 5c ¼ oz, 10c oz, 60c lb.

Columbian Flammoth White. Immense clear white shoots that remain so in favorable weather until three or four inches above the surface, with very small crown or bud; largest, handsomest and best in existence. 5c \(\frac{1}{2} \) oz, 10c oz, 40c \(\frac{1}{2} \) lb.

ASPARAGUS ROOTS.

By purchasing good strong roots one to two years time is saved.

Palmetto. By mail (postpaid) 50 roots 70c; 100 roots, \$1.25. By express (not

prepaid) 100 roots, 75c: 500 roots, \$3.50; 1000 roots, \$6.00.

Barr's Mammoth. By mail (postpaid) 50 roots, 70c; 100 roots, \$1.25. By express (not prepaid) 100 roots, 75c: 500 roots, \$3.50; 1000 roots, \$6.00.

Columbian Mammoth White. \$1.25 per 100 by mail, \$8.00 per 1000 by express.

BEANS—Dwarf, Snap or Bush.

Under this head are classed all the low growing sorts, variously called Bush, Snap, String, Wax or French Beans.

If by mail, please add 8c per pint, 15c per quart. One quart will sow one hundred feet of drill. One and one-half bushels to the acre.

GREEN PODDED SORTS.



Improved Early Red Valentine.

Early Red Valentine, Improved Round Pod. (See cut.) For snaps there is nothing better among the green-podded sorts. The vines are erect, dark green leaves and large white blossoms; pods of medium length. curved and cylindrical, with crease in back, very fleshy, crisp and tender; beans medium in size, long, irregular and pink, marbled with red. Among green podded varieties, none can compare with our stock of Valentine in fleshiness and high quality of pod. Many different strains of Valentine are offered under slightly varying names, each claiming to be a great and distinct improvement. After carefully examining them all. we have found none which we were willing to substitute for our old stock, which combines to a high degree all the good qualities of the green-podded sorts. 6c 1/2 pint, 10c pint, 20c quart.

Refugee or Thousand to One. Very productive medium or late variety. The young pods are tender and of fine flavor. Extensively grown for pickling. Seeds dull yellow and speckled with purple. 6c ½ pint, 10c pint. 20c quart.

Extra Early Refugee. The earliest of the green pods, furnishing a fleshy pod of fine quality, usually fit to pick as soon as Golden or Detroit Wax, and one to two weeks earlier than ordinary Refugee. The vines, though a little smaller, are fully as hardy and vigorous as that variety, and more upright in growth, the foliage being distinctly lighter in color. Pods of the same size and shape, except slightly flatter. Dry beans same as common Refugee, and all the pods ripen well together. 6c ½ pint, 10c pint, 20c quart.

Early Mohawk. Very early and will stand more cold than most bush varieties. Largely grown in the south for northern markets. Pods five to six inches long; seeds when ripe are purple with white spots. 6c ½ pint, 10c pint, 20c quart.

Round Yellow Six Weeks, Improved Round Pod. While this sort does not differ much from the Early Yellow Kidney Six Weeks in size or general appearance of the vine, the pods are shorter, very much thicker, and more fleshy. While retaining the vigor and hardiness of the old sort, it is fully one week earlier. The dry bean is the same color as ordinary Six Weeks, but much shorter and almost round. 6c ½ pint, 10c pint, 20c quart.

White Marrow. Extensively grown as a dry bean for winter use; excellent shelled bean, either green or dry. 6c ½ pint, 10c pint, 20c quart.

White Kidney, or Royal Dwarf. A superior kind for baking, and is also excellent when shelled, green or dry. 6e ½ pint, 10c pint, 20c quart.

Stringless Green Pod. The only stringless green pod bush bean in cultivation. Earlier than the Early Yellow Six Weeks, and of immense value, not only to the market gardener who wants to make more money, but also to the amateur who seeks the finest quality for the home table. Se ½ pint, 15c pint, 30c quart.

Navy, or Boston Small Pea. Small white bean for field culture; very productive;

popular baking sort. 6c ½ pint, 10c pint, 20c quart.

BUSH LIMA BEANS.



Dwarf Large White Lima. (See cut.) Comes absolutely true from seed. Bushes grow eighteen to twenty inches high, very stout and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush from two to three feet in diameter. The leaves are of very large size and great substance. The bush character is now thoroughly established, not one plant in a thousand showing any disposition to "run." The thickness of the main stalk

and branches, the unusual size, healthy green color, and thick leathery leaves indicate the strong constitution of this variety, by which it is enabled to bear large crops. It is also a sure cropper and an immense yielder, each bush bearing 50 to 200 large pods well filled with very large beans, in size and flavor identical with the well known large Pole Limas. Sc ½ pint, 15c pint, 25c quart.

WAX SORTS.

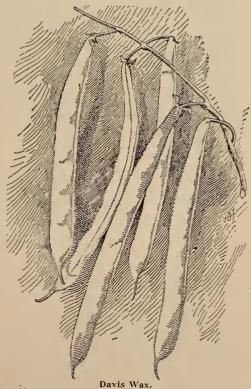
Davis Wax. (See cut.) Wonderfully productive, and very vigorous and hardy vines are uprighting rowth and hold the pods well up from the ground, practically all being handsome and straight. As a snap bean it has no superior for market, being very crisp, tender and stringless, and stands shipping well. Long, straight white pods and white beans. 8c ½ pint, 15c pint, 25c quart.

Detroit Wax. The best rustproof wax and a splendid sort for shipping. The long straight handsome pods will keep a long time without spoiling. 8c ½ pint, 15c pint, 25c quart.

Wardwell's Kidney Wax. Very strong grower, hardy and productive. Pods large, handsome and excellent; the best sort for market gardeners. 8c ½ pint, 15c pint, 25c quart.

Golden Wax. Earlier than the ordinary wax, the pods being large, long, brittle and stringless, while the color is a rich golden wax. 8c ½ pint, 15c pint, 25c quart.

Flageolet Violet Wax. As early a variety as Golden or Black Wax. The pods are of a beautiful golden yellow, much larger than the Golden Wax and of better quality; a vigorous grower and heavy yielder, nearly always exempt from rust. Sc ½ pint, 15c pint, 25c quart.



Dwarf German Black Wax. A popular first-early snap sort, with round, yellowish-white pods of veryfine and delicate flavor. Sc ½ pint, 15c pint, 25c quart.



Lazy Wife.

BEANS—Pole or Running.

One quart will plant fifty hills. If by mail add 15c quart.

Golden Cluster Wax Pole. Undoubtedly the earliest of the pole varieties, seven to ten days behind Dwarf Golden Wax. Begins to bear early and continues until frost; pods six to eight inches long, borne in clusters of three to six, and most freely produced. They are stringless, very tender and have a delicious flavor. Sc ½ pint, 15c pint, 25c quart. Lazy Wife. (See cut.) It is presumed this rather dis-

Lazy Wife. (See cut.) It is presumed this rather discourteous name was derived from its immense productiveness, making it very easy to gather a dish, and from the ease with which they cook. Pods of medium dark green color, produced in great abundance; broad, thick, fleshy, entirely stringless, and retain these good qualities until nearly ripe, and are peculiarly luscious at all stages. 8c ½ pint, 15c pint. 25c quart.

Kentucky Wonder. This splendid variety has been offered as Seek-no-further, and was some years ago introduced as Old Homestead. Vigorous climbing vines and very productive, pods in large clusters; white blossoms, green pods, very long, often reaching nine or ten inches, nearly round when young, and very crisp, becoming very irregular and spongy as the beans ripen; dry bean long, oval and duncolored; very prolific, showy pods, excellent for snaps. 8c ½ pint, 15c pint, 20c quart.

White Creaseback, or Best-of-All. Best early green-podded pole bean, exceedingly productive, with long pods in clusters of four to twelve; handsome round green pods five to six inches long, crease in back, entirely stringless, very fleshy; entire crop matured extremely early, a good keeper, shipping well and commanding the highest prices. 8c ½ pint, 15c pint, 25c quart.

Golden Wax Flageolet. Pods rich golden color, 7 to 8 inches long, round, full, fleshy, entirely free from strings, superb quality, bears profusely. 8c ½ pint, 15c pint, 25c qt.

Early Dutch Case Knife. One of the earliest, good green or dry, or snaps, white-seeded, good winter sort, very productive and fine for among corn. 8c½ pint, 15c pt, 25c qt. Horticultural, or Speckled Cranberry. Old favorite,

Horticultural, or Speckled Cranberry. Old favorite, equally good as a snap or shelled, green or dry. 8c ½ pint, 15 pint, 25c aprt.

15 pint. 25c quart.

Cut Short, Red Speckled or Corn Hill. An old variety, very popular for planting among corn, and will give a good crop without the use of poles. Pods short, cylindrical, tender, beans nearly oblong, cut off diagonally at the ends. 8c ½ pint. 15c pint, 25c quart.

Scarlet Runner. A favorite both as a snap and for its flowers, which are a bright searlet. Seeds broad and kidney-shaped. $5c \frac{1}{4}$ pint, $10c \frac{1}{2}$ pint, 15c pint, 30c quart.

POLE LIMAS.

Siebert's Early. No other so early, no other so good; as large as the largest—the best Lima ever offered. Vine exceptionally hardy and vigorous, producing earlier and bearing longer than any other sort; pods and beans as large as King of Garden and better quality. 8c ½ pint, 15c pint, 30c quart.

Ford's Mammoth. Largest of all, vigorous vines, setting pods low and bearing the whole season; absolutely the largest podded, finest flavored and most productive.

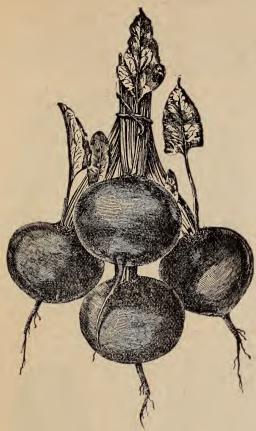
8c ½ pint, 15c pint, 25c quart.

King of Garden. Vigorous grower, bearing large pods profusely, 5 to 8 inches. Large beans, rich flavor, setting early, bearing until frost. 8c ½ pint, 15c pint, 25c qt. Extra Early Jersey. Large and good, as early as small Lima. Vine vigorous and

productive, large pods, broad, flat, greenish-white beans. 8c ½ pint, 15c pint, 25c qt.

Large White Lima. General favorite for home use and market. Grows nine feet high, very productive, pods broad, seeds large and white. 8c ½ pint, 15c pint, 25c qt.

BEET AND MANGEL WURZEL.



Detroit Dark Red Turnip Beet.

One ounce will sow fifty feet of drill. Five pounds will sow an acre.

Detroit Dark Red Turnip. (See cut.) By far the best red turnip beet in cultivation; very handsome, perfect in form, beautiful deep bright red in color, crisp, tender and sweet, early to mature, and holding a long time in condition to use. The stock we offer will produce a crop more uniform in shape, color and quality than any other. 5c ½ oz, 10c oz, 25c ½ lb.

Crosby's Improved Egyptian Turnip. Extra early and superior blood red Egyptian, carefully selected for years by a noted market gardener, who obtained a perfect forcing variety of handsome form, good size, small tops, very small tap root, fine quality, quick and rapid growth, desirable shape, making it preferable for forcing for a market where beets are sold in bunches. 5c ½ oz. 10c oz, 25c ½ lb.

Edmand's Early Blood Turnip. An early variety possessing good qualities and the most uniformly thoroughbred of all the beets. Tops are very small, neat and short foliage of a rich bronzy red, beets of a handsome round shape, very smooth and of good marketable size; does not grow large and coarse, all of which qualities permit its being grown very closely together. Its uniformity, single tap-root, small top and handsome appearance commend it strongly to the market gardener, and for table use no other variety surpasses it. The skin is deep blood red and the flesh very dark red and sweet. 5c 1/2 oz, 10c oz, 25c ¼ lb.

Egyptian Turnip. One of the earliest, of good quality and medium size, a fine sort for forcing, with very small top. 5c ½ oz, 10c oz, 25c ¼ lb.

Eclipse. Considered to be even earlier than Egyptian, being of fine color, globular in shape, with small top. 5c ½ oz, 10c oz, 25c ½ lb.

Bassano. Very early, attains a large size, and is very sweet and tender. $5c \frac{1}{2}$ oz, 10c oz, $25c \frac{1}{4}$ lb.

Landreth's Early Forcing. Nearly as early as Egyptian and hardier; firm when boiled or pickled; leaf-tops remarkably short and compact. 5c ½ oz, 10c oz, 25c ¼ lb.

Improved Long Blood. A good late variety for fall and winter use, very sweet and tender. 5c ½ oz, 10c oz, 25e ½ lb.

MANGEL AND SUGAR BEETS. (If by mail add 10c lb.)

Golden Tankard. Contains more sugar and less water than any other kind in cultivation; deep yellow in color and exceedingly productive. 5c oz, 10c ¼ lb, 30c lb.

Giant Long Red. Roots of mammoth size, very smooth and regular, and fine for stock. Advertised under varied and high-sounding names of "Improved Mammoth," "Colossal," "Prize," etc. 5c oz, 10c ½ lb, 30c lb.

Improved White Sugar. Attains a very large size and grows considerably above ground, very fine for stock feeding. 5c oz, 10c ¼ lb, 30c lb.

CORN.

If by mail, add 6c. per pint and 10c. per quart for postage. One quart will plant one hundred hills; one peck will plant an acre.

Extra Early Adams. The hardiest and earliest white corn, ready for the table sixty days after germination; height of stalk three or four feet. This is not a sugar corn, but an early field variety. However, being largely sold for table use it is classed among the sugar corn. 5c ½ pint, 8c pint, 15c quart.

White Cob Cory, or First=of=All. Grows about five feet high, and usually has about two ears on a stalk; ears six to eight inches in length, eight-rowed; large grains, very sweet, early and very productive. 5c ½ pint, 8c pint, 15c quart.

Large Early Eight Row. One of the best, ears large, cob white, very

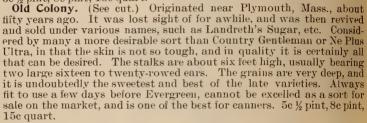
sweet and desirable. 5c ½ pint, 8c pint, 15c quart.

Early Mammoth. One of the largest early sweet varieties cultivated.

5e ½ pint, 8e pint, 15e quart.

Shaker's Early. Splendid market sort, large ears, stalks six feet high in good soil, usually bearing two large ears of most delicious flavor.

5c ½ pint, 8c pint, 15c quart.



Ford's Early. Surpasses all other early sweet corn in quality, size of ear and productiveness. 5c ½ pint, 8c pint, 15c quart.

Old Colony.

S. Evergreen.

Country Gentleman. Ne Plus Ultra or Shoe Peg has given more satisfaction for family use than any other sort, but its size was a weak point with market gardeners. By careful selection a variety has been obtained which is almost double in size and of the same delicious quality. Cob very small, and deep kernels are the sweetest and most tender of all. 5c ½ pint, 8c pint, 15c quart.

Late Mammoth. (See cut.) A sweet variety, the largest in cultivation, extensively used as a late sort. 5c ½ pint, 8 pint, 15c quart.

Stowell's Evergreen. (See cut.) This favorite late variety is so well known it hardly needs any description. It is a very heavy yielder, tender and sugary, remaining in good condition for boiling a long time, hence a favorite among consumers. 5c

½ pint, 8c pint, 15c quart.

POP CORN.

Rice. A very handsome variety, ears short, pointed, and resemble rice, color white, very prolific. 5c ¼ pint. 8c ½ pint, 15c pint.

Queen's Golden. The stalks grow five to six feet high, and bear two or three large ears to each stalk. It pops creamy white, and a single kernel will expand to the diameter of nearly an inch. 5c 1/4 pint, 8c 1/2 pint, 15c pint.



Late Mammoth.

Silver Lace, or Pearl. Exceedingly handsome variety, smooth white corn. A fine popper and produces very heavily. 5c ¼ pint, 8c ½ pint, 15c pint.

CABBAGE.

One ounce will produce 3,000 plants. Five ounces will produce sufficient plants for an acre.

Selected Early Jersey Wakefield. (See cut.) This is undoubtedly the best early cabbage in cultivation, and is so recognized by every one. Fine conical heads, nearly every plant producing perfectly. 5c ¼ oz, 15c oz, 40c ¼ lb.



Selected Early Jersey Wakefield.

Large, or Charleston Wakefield. A selection from Early Jersey Wakefield, only it is about a week later, but grows much larger, heads often averaging 15 to 18 pounds, as solid as Winningstadt and exceeding it as a sure header and in earliness. 5c ¼ oz, 15c oz, 40c ¼ lb.

Early Dwarf Flat Dutch. Second early variety; the heads are very solid, broad and round, flattened on top, tender and fine grained. 5c ¼ oz, 15c oz, 40c ¼ lb.

Henderson's Early Summer. The standard for second early. Large, round heads, excellent quality, double the size of Wakefield, and only eight or ten days later. 5c¼ oz, 15c oz, 40c¼ lb.

Henderson's Succession. A most desirable all-season variety, a week later than early summer, but twice the size. 5c ½ oz, 15c oz, 40c ½ lb.

Early Winningstadt. Heads large, decidedly conical, leaves bright and glossy green; heads solid and hard, even in summer. This is a sure-heading variety, valuable not only for summer use, but also for winter cabbage. 5c ¼ oz, 15c oz, 40c ¼ lb.

Surchead. Large, round, flat heads, like the Flat Dutch, a very sure header, being uniform and firm. 5c ¼ oz, 15c oz, 40c oz.

Allhead Early. Without question the best second early cabbage; unequalled for early summer and fully as good for winter. 5c ¼ oz, 15c oz, 40c ¼ lb.

Autumn King, or World Beater. Largest and hardest head in existence: true of type, sure to head, and solid as a rock. Large, broad heads, very thick through, fine grained and tender; of especial value for kraut purposes. 5c ¼ oz, 15c oz, 40c ¼ lb.

Selected Large Late Flat Dutch. The most popular of the late varieties, and probably more sold of this than any other kind. $5c\ \%$ oz, 15c oz, $40c\ \%$ lb.

Mammoth Rock Red. Excellent for pickling or eating raw. It forms very hard, oblong heads, round at top, of a dark red or purple color. 5c ¼ oz, 15c oz, 40c ¼ lb.

Improved American Savoy. The best of all Savoys, either for home use or the market. The plants are vigorous, very sure heading, and most densely and uniformly savoyed. The heads are globe-shaped, and of the very best quality. 5c ¼ oz, 15c oz, 40c ¼ lb.

Lupton. A thoroughbred late cabbage, named after the introducer, who is one of the largest growers on Long Island. The broad claim is made that it in every way surpasses every fall and winter sort heretofore grown. 15c ½ oz, 25c oz, 70c ¼ lb.

Dutch Winter or Hollander. The best for early spring sales. The heads are very solid and deep, and a fine white in color, entirely distinct from any other strain. Their quality is superior, and they keep better than any other sort, the heads being as solid and perfect in the spring as when put away in the fall. No other kind will sell beside it at half the price. 5c 4/ oz, 20c oz, 50c 4/ lb.

Ideal Winter. Large, solid heads, low short stems, uniform size and shape, and a good header. 5c ¼ oz, 20c oz, 50c ¼ lb.

CELERY.

One ounce of seed will produce about 7,000 plants.

Pink Plume. The most beautiful celery that ever graced a table. Most delicious in flavor, crisp and nutty, the first and last celery fit to use. Absolutely solid and free from stringiness, so brittle that a stalk held in the hand will almost break of its own weight. Solid, succulent stalks are ivory white suffused with dainty pink, delighting the eye and tempting the palate. It is self-blanching in the same sense as White Plume and Golden, and requires but little earthing up or banking. 5c % oz. 10c % oz. 20c ounce.

and requires but little earthing-up or banking. 5c ¼ oz, 10c ½ oz, 20c ounce.

White Plume. The stalk and portions of the inner leaves and heart are white, so that tying up with matting or simply drawing up the soil completes the work of blanching, while with most other kinds of celery the slow and troublesome process of high banking is necessary. It is equal to the very best sorts in all its qualities, being the earliest, the handsomest, the easiest grown, and surely the most profitable for early

market. 5c 1/2 oz, 10c 1/2 oz, 20c oz.



Golden Yellow.

Golden Yellow Large Solid, or Golden Self-Blanching. (See cut.) Similar in habit to White Plume, and a most important acquisition that can not be too highly commended. Color yellowish white, large heart, solid and excellent keeper, valuable to market gardeners and also to the amateur. 5c ½ oz, 10c ½ oz, 20c oz.

Crawford's Half Dwarf. Rather yellowish white when blanched, and entirely solid, possessing the nutty flavor peculiar to dwarf kinds, while it has much more vigor of growth, surpassing the large growing sorts in the weight of the bunch. 5c ½ oz, 10c ½ oz, 20c oz.

Dwarf Golden Heart. A distinct variety, of sturdy habit, solid and an excellent keeper, fine nutry flavor and exceedingly showy, desirable for both market and family use. 5c ¼ oz, 10c ½ oz, 20c oz.

Dwarf White Solid or Kalamazoo. The most perfect type of Dwarf White celery known. Very solid, crisp eating and most delicious variety, which has made the Michigan product famous everywhere. 5c ¼ oz, 10c ½ oz, 20c oz.

Giant Pascal. A very superior sort for keeping, stalks very large, thick, solid, crisp, and of rich, nutty flavor. It easily and quickly branches, and retains its flavor a long time after being marketed. The heart is golden yellow and very meaty. 5c ¼ oz, 10c ½ oz, 15c oz.

Giant White Solid. The best strain of large white solid celery, and a most imposing variety. It attains a very large size, is of quick growth, with stiff, close habit. The branches are perfectly white, the stalk remarkably solid, with a very fine crisp flavor. 5c ¼ oz, 10c ½ oz, 15c oz.

Boston Market. A vigorous grower, of medium height, very early and an excellent

keeper; very solid, white, and of rather loose habit. 5c ½ oz, 10c ½ oz, 15c oz.

New Rose. Pink or rose-colored celeries are well known as the finest-flavored; this one is hardy, crisp and a good keeper, the best of its class. 5c ½ oz, 10c ½ oz, 15c oz.

Celeraic. (Turnip-rooted.) Large Prague, the finest variety yet introduced. The roots make most delicious salad when cooked and sliced and used with vinegar and oil. 5c ¼ oz, 10c ½ oz, 15c oz.

CUCUMBERS.

One ounce will plant one hundred hills; two pounds to the acre.

Extra Early White Spine. Every market gardener knows the value of a well selected and fixed strain of extra early cucumbers, especially for forcing purposes. White Spine is an excellent variety for slicing, and makes a choice pickle, straight and smooth. It is also a prolific bearer, and keeps green much longer than the yellow varieties. It is sometimes sold under the name of Arlington. 5c ½ oz, 10c ½ oz, 25c ¼ lb.

Early Cluster. Vines vigorous, producing the bulk of the crop in clusters near the root. Fruit short, holding full size to each end, dark green but paler at the blossom end. Good for table use, but not adapted to pickling. 5c ½ oz, 10c oz, 25c ½ lb.



Jersey Pickling.

Jersey Pickling. (See cut.) The most popular sort for pickling, very productive, slender, long and cylindrical in shape. 5c ½ oz, 10c oz, 25c ¼ lb.

Boston Pickling. A distinct variety and very popular in the Boston market. It is of medium length and a great producer. 5c½ oz, 10c oz, 25e ½ lb.

Early Frame or Short Green. A deservedly popular variety of medium size for early use. 5c ½oz, 10e oz, 25e ½ lb.

Livingston's Evergreen, or Bismarck. A cross between Long Green and White Spine; dark color, slender, early, strong, vigorous growth, withstanding drouth and very prolific, bearing abundantly until frost. A perfect pickle sort, and the firm and crisp fruits are also excellent for slicing. 5c ½ oz, 10c oz, 25c ½ lb.

Westerfield's Chicago Pickle. The favorite with Chicago pickle manufacturers; fine shape and very productive. $5c \frac{1}{2}$ oz, 10c oz, $25c \frac{1}{4}$ lb.

Improved Long Green. A well known variety, about one foot in length, dark green, firm and crisp. $5c \frac{1}{2}$ oz, 10c oz, $25c \frac{1}{4}$ lb.

New Japanese Climbing. Of climbing habit, fruit straight and from 12 to 16 inches in length, thick, tender, delicate flavor, flesh pure white, skin dark green turning to brown, and netted when ripe. The cucumbers are of good quality, and when young make very fine pickles. 10c ½ oz, 15c oz, 40c ½ lb.

Gherkin. Bur cucumber, used entirely for pickling. 5c ½ oz, 10c oz, 25c ¼ lb.

CAULIFLOWER.

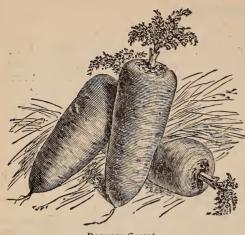
One ounce of seed will produce fifteen hundred plants.

Early Snowball. (See cut.) The outer leaves are short, so that the plants may be set from eighteen to twenty inches apart. Under favorable conditions nearly every plant will make a fine solid head of good size. It is of dwarf habit, and valuable for both the early and late crops. Our stock cannot be excelled in quality. 15c per 1-16 oz, 25c ½ oz, \$2.00 oz.

Algiers. Of vigorous growth, with long leaves tapering to a point at the end. Its color has a bluish cast, heads solid, large and white. 15c % oz, \$1.00 oz.



Early Snowball.



Danvers Carrot.

CARROTS.

One ounce will sow 150 feet of drill. Three pounds to the acre.

Danvers. (See cut.) Greatly productive and adapted to all soils. Tops medium size, deep orange roots, flesh sweet, crisp and tender; tapers very uniformly to a blunt point, and is a large yielder. 5c ½ oz, 10c oz.

Early Scarlet Horn. Quick grower, deep orange color, blunt-rooted, six to eight inches in length, a very popular

sort. 5c ½ oz, 10c oz.

Improved Long Orange. Standard late variety, handsome and uniform in shape, deep orange color, a heavy yielder, good flavor. 5c ½ oz, 10c oz.

Chantenay. Tops medium in size, necks small, roots uniformly stumprooted and smooth, flesh crisp and tender, as early as any, and a heavy cropper. 5e ½ oz, 10c oz.

CORN SALAD OR FETTICUS—Large Seeded. Sown in the spring in drills one foot apart, it will mature in six to eight weeks. For winter or early spring use, sow in August or September, and cover with straw on winter's approach, the same as spinach. One ounce for 20 square feet, six pounds to the acre. 5c ½ oz, 30c ¼ lb, 75c lb.

ENDIVE. One ounce of seed to 150 feet of row. When two or three inches high transplant or thin out to one foot apart. When nearly full grown tie up the leaves to blanch when quite dry, for they will rot if wet. White Curled. By far the most beautiful variety; plant moderately dense, leaves coarser than the Green Curled, but the mid-rib is yellow and the leaves frequently almost white, so that the plants are very attractive and always bring the highest prices on the market. 5c packet, 20c ounce, 50c ¼ lb. Green Curled. Very hardy, crisp and tender. 5c ¼ oz, 15c oz, 50c ¼ lb. Broad Leaved Batavian. Forms large heads of broad, thick leaves, which are used for flavoring soups and stews; if blanched the inner leaves make fine salad. 5c packet, 20c oz, 70c ¼ lb.

EGG PLANT. One ounce to 2,000 plants. New York Improved. (See cut.) Leading market variety everywhere. Robust plants, the leaves and stems thickly set with spines, which are not to be found to any extent on other varieties. Egg Plant is very tender and the seed requires the strongest heat to vegetate. To be successful the seed should be sown in the early spring, and when plants are two or three inches high transplant, so as to get stocky and well rooted plants, and set out when the weather becomes settled and warm. They need a deep, rich soil and plenty of sunlight. Being very sensitive to dampness and cold, the amateur often fails to raise them. 5c packet, 40c ounce.

KOHL RABI—Early White Vienna. A favorite garden vegetable in Europe, where it is extensively grown for feeding cattle, as well as for table use. It is known as the Turnip-Rooted Cabbage, has the same cultivation and the flesh of this variety is tender and white, with a handsome, firm and glossy bulb. 5c ¼ oz, 20e oz.



N. Y. Improved Egg Plant.

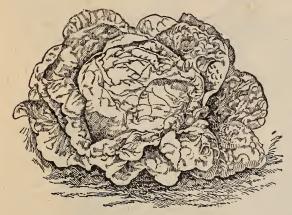
KALE—Tall Green Curled Scotch. The variety in most general use, needing no winter protection. 5c ½ oz, 15c ¼ lb. Dwarf Curled Scotch, or German Greens. Plant low and compact, but with the leaves curled, cut and crimped until the whole plant resembles a huge bunch of moss. 5c ½ oz, 15c ½ lb. Siberian. Sometimes called Sprouts and German Greens. Very large green leaves, comparatively plain in the center, but coarsely cut and frilled on the edge. 5c ½ oz, 15c ½ lb.

LEEK—American Flag. Large, hardy and of excellent quality. One ounce will sow one hundred feet of drill and produce one thousand plants. 5e ¼ oz, 15e oz.

LETTUCE.

One ounce will sow two hundred feet of drill, and produce about two thousand plants.

Black-Seeded California Cream Butter. (See cut.) It forms round heads, which are of medium green outside, marked with small brown spots; within the leaves are of a very rich cream yellow, most refreshing in appearance and particularly rich and buttery to the taste. It is medium early and one of the best summer varieties, the heads being of good size and generally so solid that they must be cut before any seed stalk can make its appearance. 5c ½ oz, 10c oz, 25c ¼ lb.



Black-Seeded California Cream Butter.

Black-Seeded Simpson. Produces a compact mass of leaves of high color, nearly double the size of ordinary Simpson; tender, of excellent quality and rapid growth, standing well the summer heat, and one of the finest varieties. 5c ½ oz, 10c oz, 25c ¼ lb.

Early Curled Simpson. (White Seed.) Non-heading variety that forms a very compact mass of curly and yellowish green leaves; matures earlier than the firm head sorts, and hence is generally grown in cold frames for the early crop on the outside. 5c 1/2 oz, 10c oz, 25c

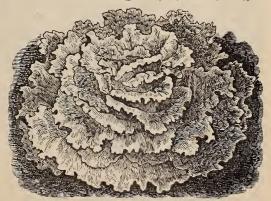
½ lb.

Early Prizehead. Forms a mammoth plant, in which even the outer leaves are crisp and tender, and remain so throughout the season. It is slow to run to seed, of superb flavor and very hardy, one of the best for family use. 5c \% oz, 10c oz, 25c \% lb.

Hanson. A superior curled header, large size, sweet, tender, crisp, a beautiful green without, white within, no bitter taste; for summer or forcing. 5c ½ oz, 10c oz, 25c ¼ lb.

Grand Rapids. (See cut.) For forcing this grand variety is one of the best for gardeners. It stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and will stand longer after it is matured. Beautiful in appearance, a strong grower, very tender and crisp, free from rot, keeps longer without wilting when on sale than any other forcing variety. 5c 1/2 oz, 10e oz, 25e ¼ lb.

Big Boston. Very similar to Boston Market, but double in size and about a week later. Heads large and solid, valuable for forcing or outdoor planting. 5c ½ oz, 10c oz, 25c ¼ lb.



Grand Rapids.

New Iceberg. Quick growing, fine hard heads, exquisite in flavor and very handsome. Large curly leaves of bright green covering solid heads; large, white main ribs and inside leaves thoroughly blanched. Seldom shoots to seed unless cut open. Fine for home use and market. 10c ½ oz, 20c oz.

Brown Dutch. An old sort, noted for its hardiness, large leaves, thick and green with brown tinge; large, solid head, somewhat coarse looking, but the inner leaves are

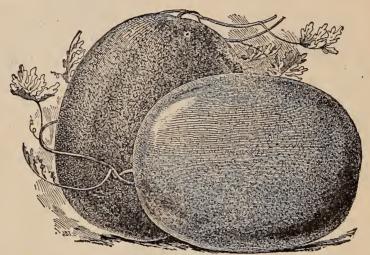
beautifully blanched, sweet and tender. 5c ½ oz, 10c oz, 25c ¼ lb.

MUSTARD-White. Stems succulent and sweet and pungent, best for salad and culinary purposes; one ounce to 75 feet of drill. 5c ½ oz, 10c oz, 30c lb.

MELONS-WATER.

One ounce of seed for thirty hills; four to five pounds to the acre.

Sweet Heart. (See cut.) Early, large, handsome, heavy, a good shipper and long keeper; skin and flesh of splendid color; vine vigorous and productive, fruit large, oval, very heavy, uniformly mottled, and very light green; rind thin but firm, flesh bright red, firm and solid, but very tender, sweet and melting. The fruit remains in condition for use longer than any other sort; dark gray seeds. 5c % oz, 10c oz, 50c lb.



Sweet Heart Water Melon.

Duke Jones. A famous new southern melon, one of the largest and most productive; early, solid red meat, of fine flavor, a heavy yielder. Suitable for home gardens as

well as shipping. 5c ½ oz, 10c oz, 50c lb.

Dark Iceing, or Ice Rind. Of round form and white-seeded. This fine melon can be scarcely praised too highly on account of solidity, thin rind, and rich, luscious, sugary flavor. Fruit large, nearly round, dark green, very distinctly mottled with a lighter shade, flesh very rich and bright red. The abundant juice is of rich deep color, flowing so freely as to be available as a drink. 5c ½ oz, 10c oz, 50c lb.

Kolb's Gem. Rind thin, very tough, stands shipping well; fruit of the largest size, round or slightly oval, marked with irregular and mottled stripes of dark and light

green. Flesh bright red, solid, sweet and tender. 5c ½ oz, 10c oz, 50c lb.

Dixie. Conceded to even excel Kolb's Gem, being larger, ten days earlier, beautifully striped, and far more productive, six to eight large melons on one vine not being uncommon. The rind is thin but tough, flesh bright scarlet and very tender, sweet and juicy. 5e % oz, 10e oz, 50e lb.

Light Iceing. Fruit of medium size, very light green or white, mottled with slightly darker green, flesh bright, light red and very sweet and tender. Considered the best of

all melons by many. 5c ½ oz, 10c oz, 50c lb.

Mountain Sweet. Large oval variety, green rind, scarlet flesh and quite solid to the center, very sweet and delicious. This is an old standard sort, and one of the best for the home garden. 5c ½ oz, 10c oz, 60c lb.

Cuban Queen. Fruit medium size to large, globular or oval, skin striped light and

dark green in sharp contrast, rind medium thick, flesh bright scarlet and very sweet.

5e ½ oz, 10e oz, 60e lb.

Ice Cream, or Peerless. Excellent for home use, medium size, oblong, light green skin, white seeds, with very sweet and melting crimson flesh. 5c ½ oz, 10c oz, 60c lb.

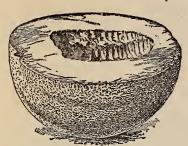
Gipsy, or Georgia Rattlesnake. One of the earliest of the large melons that does

particularly well in the south. 5c ½ oz, 10c oz, 60c lb.

Citron. Uniformly round and smooth, striped and marbled; flesh white and solid, red seeds; used only for preserves, pickles, etc. 5c ½ oz, 10c oz, 65c lb.

MELONS-MUSK.

One ounce will plant eighty hills; two pounds to the acre.



Cosmopolitan.

Cosmopolitan. (See cut.) Sweet, melting, fine flavored, handsomest and best musk melon. This grand green-fleshed melon was introduced in 1894, and combines the firm, sweet flesh of the French Cantaloupe and delicious flavor of the American Musk Melon. The thick flesh has a delicate spicy flavor and sweetness that heretofore has been only found in European sorts. Hardy vine, wonderfully productive of handsome, gray-netted and globular fruits, unsurpassed in quality and perfection of form. 5c ½ oz, 10c oz, 75c lb.

Tip Top. Its shape is round to slightly oblong, pale green skin, covered with handsome netting; flesh is rich deep salmon, sweet, spicy and thick.

5e ½ oz, 10e oz, 30e ¼ lb.

Netted Gem. This is a gem indeed. They grow remarkably uniform, weighing one and a quarter to one and a half pounds each. They are thick-meated, the flesh is light green in color, and uniformly of fine luscious flavor. The skin is green, regularly ribbed and thickly netted. Very prolific and extra early in ripening—nothing being earlier. 5c ½ oz, 10c oz, 90c lb.

New Early Hackensack. (See cut.) One of the very best market melons, of large size and attractive appearance. It is very productive, of excellent flavor, and is grown

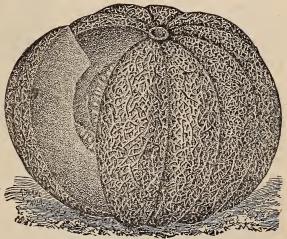
in some sections to the exclusion of all others. 5c ½ oz, 10 oz, 60c lb.

Hackensack or Turk's Cap. Fruit very large, flattened and globe-shaped, ribs large and of irregular width, coarse but very sweet and fine flavored. 5c ½ oz, 10c oz, 60c lb.

Large Yellow Musk. Very large, deeply ribbed and thickly netted; flesh yellow, thick and sweet. Used green for "mangoes." 5c ½ oz. 10c oz. 60c lb.

Casaba or Green Persian. One of the largest and best in cultivation; fruit oval and long, a little pointed at each end; green flesh and very sweet. 5c ½ oz, 10c oz, 60c lb.

Small Green Nutmeg. Fruit of medium size, slightly ribbed and globular, skin dark green, becoming yellow when overripe, and nearly covered with broad, shallow netting; flesh thick and coarse. 5c ½ oz, 10c oz, 60c lb.



New Early Hackensack.

Osage or Miller's Cream. Attracts customers and finds favor with truckers; flesh thick, deep salmon color and sweet. 5c ½ oz, 10c oz, 60c lb.

Emerald Gem. The standard of excellence among the salmon-fleshed varieties. Fruit small to medium in size, globular or slightly flattened at the ends, only netted and ribbed slightly. Skin deep green while young, becoming tinged with yellow as the fruit matures. Flesh deep salmon yellow, thick, ripening close to the rind, and unsurpassed in flavor. This variety has steadily grown in popular favor, and leads all other kinds in many large markets. 5c ½ oz. 10e oz. 60c lb.

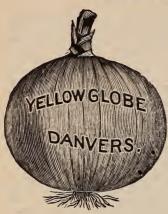
Montreal Green. In size this exceeds all the nutmeg varieties, weighing sometimes thirty pounds, very uniform in shape, netted, flesh green, and quality remarkably good.

5e ½ oz, 10e oz, 60e lb.

Banana. Grows from eighteen to twenty-four inches in length. Skin is smooth and bright yellow, while the flesh is salmon red. 5c ½ oz, 10c oz, 75c lb.

ONIONS.

One ounce will sow one hundred feet of drill; six pounds to the acre.



Danvers Yellow Globe. (See cut.) Flesh is white and comparatively mild in flavor; very productive and a good keeper. Considered the best and most profitable market sort. 5c ¼ oz, 10c ½ oz, 15c oz, 50c ¼ lb.

Yellow Danvers Flat. A splendid onion for the market or for home use. More flat than the Globe Danvers, but considered equal in quality. 5c ¼ oz,

10c ½ oz, 20c oz, 50c ¼ lb.

Large Red Wethersfield. Standard red variety, a favorite in the east, immense crops being grown for shipment. Large size, skin deep purplish red, form round and somewhat flattened; flesh purplish white, moderately fine-grained and stronger flavored than any of the other kinds. Very productive, best keeper and one of the most popular for general cultivation. It is more inclined to form large necks if planted on unsuitable soil than Danvers, but is the best variety on poor soils. 5c ¼ oz, 10c ½ oz, 15c oz, 50c ¼ oz.

Extra Early Red. Matures very early and yields abundantly, is of mild flavor and medium size, deep red in color, very close-grained, solid and heavy, and will often form bulbs in close and mucky soils where other varieties have failed. 5c ¼ oz, 10c ½ oz, 15c oz, 50c ¼ lb.

Queen. (See cut.) Silver skinned variety of quick growth and remarkable keeping qualities, valuable particularly for pickles. Our stock of this best of all pickling onion is very fine, and poorer seed should not be used when this can be obtained at such a low price. 5c ¼ oz, 10c ½ oz, 20c oz, 65c ¼ lb.

White Portugal or Silver Skin. Ripens early and is very desirable for family use. Flavor is mild and pleasant, the skin silvery white and of handsome appearance; highly esteemed for pickling when young and for market in early winter. 5c ¼ oz, 10c ½ oz, 20c oz, 65c ¼ lb.

Mammoth Silver King. Enormously large and flat, growing to 2 or 3 pounds weight, snow white, mild and pleasant. 5c ¼ oz, 10c ½ oz, 20c oz, 65c ¼ lb.

Large White Globe. Yields most abundantly, and produces handsome and uniform bulbs of globe-shape. The flesh is very firm, fine grained and mild in flavor. 5c ¼ oz, 10c ½ oz, 20c oz, 65c ¼ lb.



Queen.

Prize-Taker or Spanish King. Uniform in shape, nearly a perfect globe, with thin skin of bright straw color; immense in size, measuring from twelve to eighteen inches in circumference, while under special cultivation specimen bulbs have been grown weighing from four to five and a half pounds each. It ripens up hard and fine, and presents the handsomest possible appearance. Flesh is pure white, fine grained, mild and delicate in flavor. 5c ¼ oz, 10c ½ oz, 20c oz, 65c ¼ lb.

ONION SETS AT MARKET RATES.

OKRA OR GUMBO—White Velvet. Decidedly the best variety. Distinct and unlike any other kind. Pods are not ridged, but perfectly round and smooth, with an attractive white velvety appearance, and of superior flavor and tenderness. Comparatively dwarf, of compact and branching growth, the extra large pods are produced in great abundance. No trouble to grow in any good garden soil. After the ground is warm, plant the seed in drills three inches apart, thinning to one foot. 5c ½ oz, 10c oz, 25c ½ lb.

PEPPER.

One ounce of seed for fifteen hundred plants.

Sweet Mountain. (See cut.) Fruit very large, often eight inches or more in length by two or three in diameter, very smooth and handsome, being when green of a bright deep green color, entirely free from any purple tinge, and when mature of a rich red. Flesh very thick, sweet and mild flavored. Well suited for use as a stuff pickle. 5c \(\frac{1}{2} \) oz, 10c \(\frac{1}{2} \) oz, 20c oz.



Sweet Mountain.

Large Bell or Bull Nose. A large and early variety of mild flavor, rind thick and fleshy, the best for pickling and pepper sauce, or filled as mangoes. 5c ¼ oz, 10c ½ oz. 20c oz.

Ruby King. Best and most profitable mild red pepper for market or family use. The peppers ordinarily grow from four and a half to six inches long by three and a half to four and a quarter inches through. Beautiful color, mild and pleasant to the taste, in this respect unequalled by any other Red Pepper. Excellent for stuffing or for pepper-sauce. 5c½ oz, 10c½ oz, 20c oz.

Golden Dawn. A magnificent yellow pepper of the bell class, mild, sweet and very productive. 5c ¼ oz,10c ½ oz, 20c oz.

Large Red Cayenne. From three to four inches long, bright red color, very productive and hot; pods slim, long and pointed, the true Cayenne and the best of its kind. 5c ¼ oz, 10c ½ oz, 20c oz, 60c ¼ lb.

Long Yellow. An ornamental variety, similar to Large Red Cayenne, except in color-5c ¼ oz, 10 ½ oz, 20c oz.

Coral Gem Bouquet. One of the finest of the small-sized varieties. Hundreds of the small bright red peppers are so thickly set on the dwarf plants as to give each plant the appearance of a "bouquet of corals." Intensely hot, smooth and pretty. 5c ¼ oz, 10c ½ oz, 20c oz.

Small Chili. Red, conical pods about two inches long, very hot and prolific; used for seasoning and sauces. 5c ¼ oz, 10c ½ oz, 20c oz.

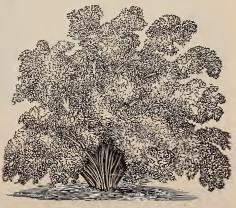
PARSLEY.

Fine Double Curled. (See cut.) A fine dwarf variety with crimped leaves, and invaluable as a garnishing plant. 5c ½ oz, 10c oz, 20c ½ lb.

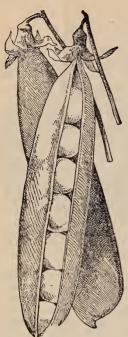
PARSNIPS.

One ounce to two hundred feet of drill; five or six pounds to the acre.

Large Sugar or Hollow Crown. (Improved Guernsey.) Acknowledged to be the best variety incultivation for general use. Roots are intermediate in length, white, smooth, sugary, or most excellent flavor and easily harvested. 5c ½ oz, 10c oz, 20c ¼ lb, 50c lb.



Double Curled Parsley.



Nott's Excelsior.

PEAS.

One quart to sixty feet of row. If by mail add 8c pint, 15c quart.

Nott's Excelsior. (See cut.) The best dwarf extra early pea. Vines are larger and more vigorous than the American Wonder, and earlier and more prolific than the Premium Gem. The peas have no equal in sweetness and quality. We consider this variety one of the best of recent introduction. The pods are always well filled. Best of all for the home garden. Sc ½ pint, 15c pint, 25c quart.

Alaska or Earliest of All. (See cut.) By careful selection and growing there has been developed a stock of this smooth blue pea, which in evenness of growth of vine and early maturity of pods is unequalled by any other extra early pea. Vines are two to two and a half feet high, unbranched, bearing four to seven long pods filled with medium-sized dark green peas of excellent flavor. Ripe peas small and bluish green. Ripens all the crop at once, and is an invaluable variety for gardeners and canners, its uniformity being much in its favor. 5c ½ pint, 10c pint, 20c quart.

First and Best. Extremely early, productive, and ripen all

at the same time. 5c % pint, 10c pint, 20c quart.

First of All. Very early and prolific, and one of the standard varieties that give great satisfaction to consumers as well as growers. 5c ½ pint, 10 pint, 20c quart.

Everbearing. Maturing soon after the Gem and continuing a long time in bearing. Vine stout, about eighteen inches high, bearing at the top six to ten broad pods. Large and wrinkled peas, cooking quickly, very tender and of superior flavor. 5c % pint, 10c pint, 20c quart.

"IcLean's Advancer. A well known standard wrinkled sort of excellent quality and popular with market men. 5c ½ pint,

10c pint, 20c quart.

American Wonder. Earliest wrinkled pea in cultivation. In productiveness, flavor and quality it is unsurpassed—a dwarf of robust habit, growing from ten to twelve inches high. Will mature in thirty days from time of planting. 8c ½ pt, 15c pt, 25c qt.

Landreth's Extra Early. Old reliable extra early sort. 5c 1/2 pint, 10c pint, 20c qt.

Champion of England. This is universally admitted to be one of the richest and best flavored peas grown. It is very productive, four or five feet high, with peas of whitish green and much shriveled. 5c ½ pint, 10c pint, 15c quart.

Telephone. Immensely productive, of the finest quality and excellent and sugary flavor. The vines are very strong bearers, averaging eighteen to twenty pods per stalk. The pods are large and delicious peas. 5c ½ pint, 8c ½ pint, 15c pint, 25c quart.

Marrowfat Black-eyed. A most

Marrowfat Black-eyed. A most excellent variety for either garden or field culture, growing about four feet high, with large and well-filled pods. Quality is excellent, but the variety is rather late. Very hardy and no other more prolific. 5c ½ pint, 10c pint, 15c quart.



Horsford's Market Garden. Vine is of medium height and gives the greatest number of pods of any pea on the list. Pods contain five to seven medium-sized dark green peas; dry peas wrinkled and sweet. 5c ½ pint, 10c pint, 20c quart.



Dwarf Champion. (See cut.) This new pea has all the fine qualities and delicious flavor of the Champion of England, but differs in being much earlier and growing only about two feet tall, a feature that will be appreciated. 12c ½ pint, 20c pint, 35c qt.

Admiral. An abundant bearer, pods about the same size as Alaska, but grows three or four feet high. Peas wrinkled, sweet and fine flavored. 5c ½ pint, 10c pint, 20c quart.

Premium Gem. Extra early, height twelve to fifteen inches, pods large and abundant, peas green, wrinkled, and of excellent quality. Profitable for market gardeners and good for home use. 12e ½ pint, 20c pint, 35c quart.

Large White Marrowfat. Pods large, cylindrical, rough, light colored and well filled. Seeds large, smooth, round, yellow or white, the color being somewhat affected by the soil in which they grow. 5c ½ pint, 8c ½ pint, 15c pint, 25c quart.

Cleveland's Long Island Mammoth. General favorite cropper on Long Island, and has proved the best general crop pea, away ahead of Champion. 5c ¼ pint, 8c ½ pint, 15c pint, 25c quart.

Pride of the Market. Vines of medium height, stiff, with large dark green leaves, and bearing at the top, generally in pairs, a fair crop of very large dark green pods, well filled with large peas of good flavor. The large and handsome pods make this a very popular sort. 5c ½ pint, 8c ½ pint, 15c pint, 25c quart.

Melting Sugar. (Edible-podded.) Large, sweet, brittle and succulent pods, used in the same way as snap or string beans. Is well named and the best of its class. 5c ¼ pint, 10c ½ pint, 20c pint, 40c quart.

PUMPKINS.

One ounce will plant forty hills; five pounds to the acre.

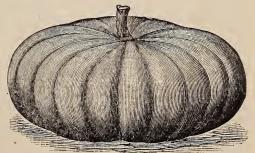
Improved Cashaw. The genuine Cashaw of olden times. A distinct mottled green in color, with white stripes; flesh a rich yellow, solid, fine grained, very sweet, excellent for pies. Its great productiveness and richness make it valuable to grow in the cornfield for feeding stock. 5c ½ oz, 8c oz, 20c ¼ lb, 50c lb.

Quaker Pie. Distinct variety, oval in shape, creamy color inside and out: flesh fine-grained, rich-flavored and makes superior pies; an excellent keeper and vines are hardy and prolific. 5c % oz, 10c oz, 25c % lb.

Large Cheese or Kentucky Field. (See cut.) Cheese-shaped, in flavor like a crook-neck squash, yellow flesh, fine grained; one of very best field pumpkins. 5c ½ oz, 10c oz, 20c ½ lb.

Tennessee Sweet Potato. Medium size, pear-shaped, both skin and flesh creamy white in color, thick, finegrained, dry and of most excellent flavor; keeps until spring, is a great favorite, and one of the very best for pies. 5c ½ oz; 10c oz, 20c ½ lb.

Large Field. "The Yankee Cow Pumpkin." Choice seed from fully ripe selected specimens—just the kind to plant. 5c ½ oz, 10c oz, 20c ¼ lb.



Large Cheese.

Japanese Pie. Flesh very thick, fine grained and sweet, and makes the finest pies of any known variety; very productive; seeds sculptured. 5c ½ oz, 10c oz, 20c ½ lb.

Mammoth. This is the big show pumpkin, catalogued under the various names of "King of the Mammoths," "Jumbo," "True Potiron," "\$50 Prize," etc. Specimens have weighed over 200 pounds and three or four feet in circumference. Skin is salmon color, flesh bright yellow, and keeps a long time. Its greatest value, except for feeding stock, is to have the "biggest pumpkin" for the fair, and our seed is that kind. 5c \(\frac{1}{2} \) oz, 10c oz, 20c \(\frac{1}{2} \) lb.

RADISHES.

One ounce will sow one hundred feet of drill. A good dressing of nitrate of soda will greatly stimulate growth and insure tender, brittle roots.

Pearl Forcing. (See cut.) Color is pearl white, and of waxy appearance; texture very firm and solid; remain in eatable condition fully two weeks before showing signs of going to seed, and do not become woody; the best general purpose White Market Radish. 5c ½ oz, 10c oz, 25c ¼ lb.

White Box. Perfectly round, smooth skin, pure white, and free from any sharpness or bitterness. A remarkably quick grower with a small top, having but three short leaves on a fully matured root. Very fine for forcing. 5c ½ oz. 10c oz. 25c ½ lb.

Early Scarlet Globe. One of the finest for forcing and market garden purposes; roundish oval in shape, skin a brilliant red, flesh white, solid, crisp, very mild, small tops. 5c % oz. 10c oz. 25c % lb.

very mild, small tops. 5c ½ oz, 10c oz, 25c ½ lb.

French Breakfast. Beautiful scarlet color with small top; very rapid in growth. 5c ½ oz, 10c oz,

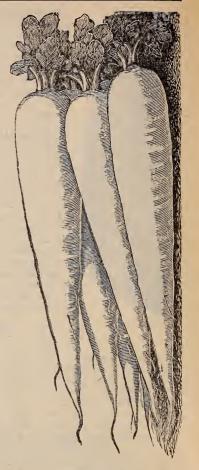
25c 1/4 lb.

Wood's Early Frame. Ten days earlier than the Long Scarlet, which it resembles; an excellent forcing variety. 5c \(\frac{1}{2} \) oz. 10c oz. 25c \(\frac{1}{2} \) lb.

forcing variety. 5c ½ oz, 10c oz, 25c ¼ lb. Golden Globe. Very popular in the south; of quick growth, tender and brittle, perfect globe shape, and skin of golden color. 5c ½ oz, 10c oz, 25c ¼ lb.

new sort and very popular in New York market. Oval roots, very smooth and handsome, a bright yellow and fine quality; matures quickly; small top and neck. 5c ½ oz, 10c oz, 25c ½ lb. Cincinnati Market. The variety so much grown

Cincinnati Market. The variety so much grown by the gardeners of the Queen City. A handsome long beautiful glossy scarlet radish with very small tops, growing from six to seven inches long. Skin very thin, flesh crisp, brittle and most delightfully pungent; the finestlong radish for forcing, and will outsell any put in competition with it. It is also an extra fine sort for the kitchen garden, the quality being unexcelled. 5c ½ oz, 10c oz, 25c ½ lb.



Pearl Forcing.

Beckert's Chartier. Very attractive sort, bright salmon color, shading to white as it approaches maturity; crisp, tender, and of mild and pleasant flavor—the favorite of Pittsburg. 5c ½ oz, 10c oz, 25c ½ lb.

White Strausberg. The roots are oblong and pure white in color, very brittle, the flavor very mild; both skin and flesh pure white; retains its good qualities even when the roots have become old and large. 5c ½ oz, 10c oz, 25c ¼ lb.

Early Long Scarlet Short Top Improved. Without any question the best standard variety for market and private gardens. It grows six or seven inches long and half out of the ground. The flesh is very brittle, crisp, and of quick growth; color bright scarlet with a very short top.—5c ½ oz, 10c oz, 25c ¼ lb.

Long White Vienna or Lady Finger. Attractive sort; long tapering roots, mild in flavor and pure white in color; tender, crisp. and in all respects a fine variety. 5c ½ oz, 10c oz, 25c ½ lb.

Long Black Spanish Winter. Large, long variety, and one of the hardiest, firm in texture and keeping well until spring. Flesh white and slightly pungent, with black skin. 5e ½ oz, 10c oz, 25e ½ lb.

Scarlet China Winter. One of the best varieties of radish for fall and winter use, and a great favorite with market gardeners. Light rose in color, flesh white and firm, and of superior quality. 5c ½ oz, 10c oz, 25c ½ lb.

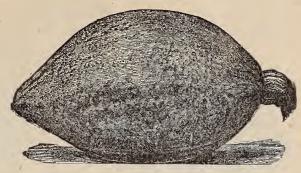
SQUASH.

One ounce will plant fifty hills: four to six pounds, according to variety, to the acre.

Hubbard. (See cut.) The well known standard variety. Flesh fine grained, dry and sweet, the best keeper, and a grand variety. 5e 1/2 oz, 10e oz, 25e ¼ lb.

Faxon. Medium size, very early and productive, orange color and fine quality-one of the valuable novelties of recent introduction. 5c ½oz,

10e oz, 25c 1/4 lb.



Hubbard Squash.

Green Mountain. Somewhat like the Hubbard, it is superior in size, sweetness and color of flesh. Fruit uniformly round, symmetrical, with a beautiful netting of dark green instead of wartiness. Rind thin but hard, and flesh deep orange red, with no objectionable green tinge near the rind. Cooks quickly and evenly, and is best for pies. Vine is hardy, early and matures a large crop. 5c ½ oz, 10c oz, 30c ¼ lb.

Boston Marrow. This fine variety has a thin, bright, orange skin, rich salmon yellow flesh, fine grained, sweet and dry, a good keeper and splendid table squash. 5c 1/2

oz, 10c oz, 25c 1/4 lb.

Fordhook. The most convenient in size for family use. The flesh is dry and sweet, will not rot, and in a cool, dry place will keep until June. It is early, productive, a sure cropper, thin skin, thick meat, small seed cavity, and can be used at any stage of its growth. 5c ½ oz, 10c oz, 25c ¼ lb.

Essex Hybrid or Hard Shelled Turban. The standard winter sort, flesh a trifle

darker than the Hubbard, and an excellent keeper. 5c ½ oz, 10c oz, 25c ¼ lb.

Early Yellow Bush Scalloped. The same as White Bush, excepting in color. 5c 1/2

oz, 10c oz, 25c ¼ lb.

Mammoth White Bush Scalloped. Much earlier and double the size of the common variety, bears early and until late in the fall, and is splendid for the market. 5c ½ oz, 10c oz, 25c 1/2 lb.

Mammoth Summer Crookneck. Good summer sort, with golden skin and especially fine and delicate flavor, but warted. 5c ½ oz, 10c oz, 20c ¼ lb.

Pike's Peak or Sibley. One of the sweetest driest and best late squashes. It is pearshaped, with the stem on the larger end; shell hard and very flinty, yet thin and smooth, of a pale green in color; flesh thick and solid, of brilliant orange color, very dry, fine grained and a rich delicate flavor; weighs eight to ten pounds, with remarkably vigorous and productive vines. 5c \% oz, 10c oz, 25c \% lb.

Sweet Nut. Fine summer and winter squash. When only half grown they cook dry, are fine flavored and most delicious; can hardly be distinguished from Egg Plant if fried in the same manner while green; will keep through winter in a dry room; flesh yellow, dry and of rich, sweet flavor; no sugar needed for pies. 5c ½ oz, 10c oz, 25c ¼ lb.

SALSIFY OR VEGETABLE OYSTER. Considered by many a delicious vegetable. Cultivation the same as parsnips. Hardy and can remain in the ground all winter for early spring use. One ounce to seventy feet of drill. Mammoth Sandwich Island. Grows to very large size and resembles a good-sized parsnip; mild and delicate flavor, and though of recent introduction, has already found its way to popular favor. 5c ½ oz, 10c oz, 25c 1/2 lb.

SORGHUM—Early Amber Sugar Cane. Matures quickly and by far the best variety for sugar. Seed is valuable as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. For ensilage or fodder it has also some important advantages. 10c lb, \$1.50 bushel.

SUNFLOWER-Mammoth Russian. Double the common sunflower in size, while the yield of seed is twice as great, as much as 125 bushels per acre having been grown at less expense than corn. It is highly recommended for poultry, being one of the best egg-producing foods known, while the leaves are relished as fodder by all kinds of stock. The seed may be fed to horses instead of oil meal. 10c lb, \$6.00 per 100 lbs.

SPINACH.

One ounce to one hundred feet of drill. If the land is dry the seed should be rolled or tramped in, for if the soil is loose the hot air shrivels the seed so it will not germinate.



Round Broad Leaved Spinach.

Round Summer Broad Leaf. (See cut.) The leaves are thick and fleshy—the variety generally used. 5c ½ oz, 10c oz, 30c lb.

New Victoria. Heavy foliage, the broad dark green leaves being of true Savoy appearance and fivest quality, while it remains in prime condition after all other varieties have

run to seed, 5c ½ oz, 10c oz, 40c lb.

Bloomsdale Savoy. The hardiest of large
Savoy leaves, curled and crimped, thick and fleshy, good for family and market purposes. 5c ½ oz, 10c oz. 40c lb.

Prickly Seeded. The hardiest variety; but the leaves are smaller and it is not so productive. 5c ½ oz, 10c oz, 35c lb.

Long Standing. Large crimped, thick, fleshy, Savoy-leaved variety; will stand two weeks longer than any other variety before shooting to seed; is best for spring sowing on account of seeding so late. 5c ½ oz, 10c oz, 30c lb.

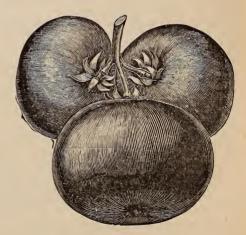
TOMATOES.

An ounce of seed will produce fifteen hundred plants; four ounces will produce enough for one acre. Our stock is all the best Livingston grown.

Honor Bright. (Seecut.) Vines strong and bear profusely from early to late in the season, succeeding well on various soils. Bears in clusters of three to five on hard, woody stems. The table quality is excellent, the ripe fruit being tender and melting. The ripe color is bright red, but is first green, then waxy white and lemon, changing to red; a good keeper. Sold in packets only this season—10c

each, 3 for 25c.

Matchless. Vines are of strong, vigorous growth, well set with fruit. foliage is very rich dark green in color. Fruit entirely free from core, of rich cardinal red color, and not liable to crack from very wet weather; healthy growth, fruit of the largest size being maintained throughout the season. The skin is remarkably tough and solid, so that ripe specimens picked from the vine will keep in good marketable condition for two weeks. Fine quality and solidity are unequalled. 5c \(\frac{1}{4}\) oz, 20c oz.



Honor Bright.

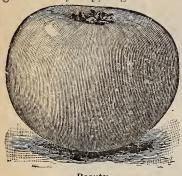
Atlantic Prize. One of the earliest of all; not only ripens its fruits first, but a large proportion of the crop earlier than any other sort. Valuable to all with whom earliness is the main object desired. 5c \(\frac{1}{4} \) oz, 20c oz, 75c \(\frac{1}{4} \) lb.

Early Acme. One of the earliest. The fruit is of medium size, perfectly smooth and regular in shape. The color is distinct, being dark red with a purplish tinge. 5c \(\frac{1}{4} \) oz, 20c oz, 60c 1/2 lb.

Essex Early Hybrid. This is one of the handsomest bright pink tomatoes in cultivation. Quite early, solid, rich flavored, large in size, grows perfectly smooth, and is very productive. 5c ¼ oz, 20c oz, 60c ¼ lb.

Royal Red. Vines are very strong and vigorous. The fruit is large, bright deep red, and of good quality—a fine tomato for those who prize large size and bright color. 5c ¼ oz, 20e oz, 60e ¼ lb.

Improved Trophy. First of the modern improved sorts, and it had qualities of size, color and solidity which entitled it to hold a place against the much lauded new kinds. By most careful breeding and selection, a strain has been developed which compares favorably with any for smoothness, regularity and symmetry of fruit; very solid and good in every way; bright red color. 5c ¼ ōz, 20c oz, 60c ¼ lb.



Beauty.

Beauty. (See cut.) One of Livingston's best. Very large, smooth, solid and purple in color, a splendid keeper and a good shipper, of vigorous growth, productive and medium early. Its purple color is the same as Acme, but it is larger in size, and not so liable to rot. 5c ¼ oz, 20c oz, 60c ¼ lb.

Buckeye State. Large, smooth and uniform in size, very prolific and a heavy cropper; in solidity and meatiness it has no equal. Purple in color, a shade darker than Beauty. 5c ½ oz, 20c oz, 75c

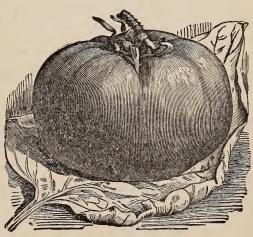
Ignotum. Very large, smooth and regular in form, remarkably solid, very few seeds, beautiful deep red color, ripens perfectly up to the stem, unusually productive, and holds its large size well to the close of the season—no variety superior. 5c ½ oz, 20c oz, 60c ½ lb.

Dwarf Champion. Very early purple fruited variety; very stout and strong plants about two feet high, with short branches, making a bushy plant that stands erect without being staked. The fruit is smooth, medium in size, purplish pink in color, fairly solid with no hard core, and of good flavor. 5c ¼ oz, 20c oz, 60c ¼ lb.

New Stone. (See cut.) Very large, of bright scarlet color; very smooth, with occasionally a specimen slightly octagon in shape, ripening evenly to the stem without a crack; exceedingly solid and firm in flesh; an excellent shipper, and in quality one of the best; fine for canning; a good keeper, without hard core, and not subject to rot. Its appearance on the market is remarkably attractive; a very heavy variety; its vines and foliage are rank and robust, and heavily loaded with uniform specimens of fruit. 5c ¼ oz, 20c oz. 60c ¼ lb.

Fordhook First. Perfectly smooth and solid tomato of first-class appearance. Extremely early, deep rich red in color and tinted with purple; perfect and uniform in size. 5c ½ oz, 20c oz, 60c ½ lb.

Yellow Pear. Clear deep yellow in color, small in size, and much esteemed for preserves. 5c packet.



New Stone.

Golden Queen. Real good yellow sort of first class quality, and used as a table fruit as well as for preserves. Large, solid and smooth, ripens early, and is a beautiful fruit. 5c ¼ oz, 20c oz.

Strawberry. (Winter Cherry or Husk.) Grows inclosed in a husk, and is excellent for preserves. Can be kept all winter with a little care. Very sweet flavored, small and yellow fruits. 5c packet.

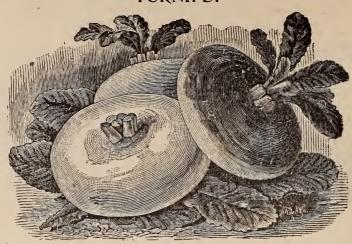
TOBACCO.

One ounce will sow twenty-five feet square and produce plants for an acre.

Connecticut Seed Leaf. A popular sort, used almost altogether for eigar wrappers. 5c packet, 40c ounce.

Fine Havana. Finest strain of imported seed. 5c packet, 40c ounce.

TURNIPS.



Purple Top Strap Leaf.

Red or Purple Top Strap Leaf. (See cut.) Widely cultivated and best known variety. Used largely for sowing broadcast among corn and potatoes. It is round and flat, white on the bottom and a reddish purple above ground, and a very quick grower. Though used for stock feeding, it is very highly esteemed as a table variety. 5c oz, 15c ½ lb.

Red Top White Globe. One of the best early varieties and very popular; large size and rapid growth; globe-shaped bulbs with red or purple tops: fine quality, keeps well, and excellent for early or winter market. 5c oz, 15c ½ lb.

Yellow Globe or Amber. A splendid sort for general crop. Grows to large size, the flesh is yellow, firm and sweet; keeps well until late in the spring; excellent for table use or feeding stock. 5c oz, 15c ¼ lb.

Early White Flat Dutch. A flat white sort, very sweet and fine grained; excellent for garden culture and most beautiful. 5c oz, 15c ½ lb.

Extra Early Purple Top Milan. The earliest turnip in cultivation and a splendid variety—a favorite with gardeners who want the first turnips in market. Bulb white, flat, of medium size, with a bright purple top; one of the sweetest and finest flavored of summer sorts. 5c oz, 15c ½ lb.

White Russian or Large White Ruta Baga. A superior white-skinned and white-fleshed variety; very sweet and desirable for table and stock. 5c oz, 15c ½ lb.

HERBS. Summer Savory, Saffron, Sage, Balm, Rosemary, Thyme, Caraway and Marjorum. Each 5c packet.

VEGETABLE PLANTS.

We grow large quantities of Vegetable Plants, and can supply all the leading varieties in their proper season.

Cabbage. Ready after April 1. 50c per 100; late sorts, 20c per 100, \$1.50 per 1000.

Cauliflower. Snowball, 25c per dozen, \$1.50 per 100. **Celery.** Ready July 1. 25c per 100, \$2.00 per 1000.

Egg Plants. Ready in May and June; out of hot-beds, 25c per dozen.

Pepper. Ready in May and June. 15c dozen.

Sweet Potato. Ready in May and June; 25c per 100, \$1.50 per 1000.

Tomato. (Transplanted.) Ready in May and June. 25c per dozen, \$1.50 per 100.

Special Price to buyers of larger quantities.

Miscellaneous Farm Seeds.

The prices quoted below are NET CASH, free on cars, Zanesville, Ohio, purchasers paying transportation charges, but we make no charge for cartage; bags at cost. Prices quoted are subject to market fluctuations. Should any article seem high, or when customers are in need of large quantities, on application we should be pleased to quote the lowest prices the market will justify at the time.

CLOVER.

As prices on Clover and Grass Seeds are varying almost daily, we do not give quotations, but will gladly quote prices and mail samples at any time.

Medium or Common Red. By far the most important of all varieties for practical purposes. Sow in spring or fall, and if no other grasses are used, at the rate of eight to twelve pounds per acre; more is required on old, stiff soils than on new and lighter ones.

Mammoth Pea Vine or Large Red. Grows nearly twice the size of the common Red Clover, often making a stand when the other clovers fail. The stalks are coarse, and it

is used extensively for plowing under.



Crimson Clover.

Crimson or Scarlet. (See cut.) An annual, with searlet blossom two inches long; if sown late in the summer it furnishes an early green fodder the following season. The yield is immense, and after cutting it at once commences growing again, continuing until severe freezing weather. It grows about one footlong, blooms early in May, and is recommended to be then plowed under as a fertilizer.

Alsike or Swedish. Most hardy of all, and on rich, moist soils yields an enormous quantity of hay or pasturage, but its greatest value is in sowing with other grasses, forming a thick bottom and greatly increasing the yield of hay. Cattle prefer it to any other forage. Heads are globular, fragrant and much liked by bees.

Lucerne or Alfalfa. Has an immense penetrating root, and when once established produces a profitable crop for from five to twelve years. It is useless to sow on land having a stiff clay or hard-pan subsoil, as the roots penetrate to a great depth, and must do so if the plants live any time. It does best sown on rich, moist loam, at the rate of fifteen to twenty-five pounds per acre.

White Dutch. Small, creeping, perennial variety, valuable for pasturage and lawns. It prefers moist ground, but accommodates itself to a variety of soils. When used with other

grasses sow three pounds per acre.

GRASSES.

Timothy. The most valuable of all grasses for hay. It should be cut just when the blossom falls. Thrives best on moist, loamy land.

Orchard Grass. Grows in tufts and does best when sown with Clover.

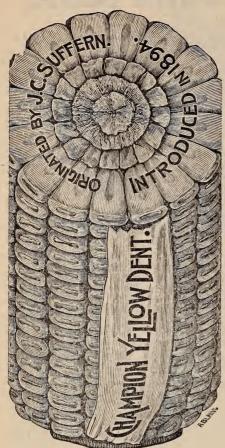
Red Top. Valuable permanent grass as a mixture in meadows, pastures or lawns.

Kentucky Blue Grass. Most nutritious, hardy and valuable of all northern grasses for pasture. In conjunction with White Clover it forms a splendid lawn.

Meadow Fescue or English Blue Grass. One of the standard European grasses. Grows two to four feet high with broad flat leaves, and needs rich ground.

Wood Meadow Grass. Best for sowing in shaded situations, for parks, woods, etc. German or Golden Millet. Closely condensed heads, numerous spikes, yellow seeds. Common Millet. Two and a half to four feet high, with fine bulk of stalks and leaves.

FIELD CORN.



Champion Yellow Dent. A grand new thoroughbred corn. We now first introduce this superior early dent corn. (The illustration herewith, exactly representing part of an ear, husked September 20, 1894.) It was originated by an expert seed grower, in the famous corn region of Illinois. The originator says: "Much encouraged by the success of the famous Champion White Pearl corn (of which I am the originator) has achieved throughout the land, I have, during the past ten years, been breeding up towards a high ideal, a main crop superior yellow dent corn, suitable for general and extensive culture. First by a combination of crosses of several leading standard sorts. Subsequently by continuous and systematic selection, grasping and perpetuating the superior merits of its parents, and permanently fixing its type and characteristics. I have never seen a variety that combines so many desirable qualities. In fact, it is what they call an "all rounder"—good in every point. stands alone, in my estimation, as the best general crop yellow dent corn for all localities south of the latitude of the northern boundary of Illinois. It is not a wonderful magic vielder, but a uniformly large vielder. 80 to 100 bushels per acre over large fields being common occurrences. It can be depended upon, when planted by June 15, to make a good corn crop by September 15. When planted early it matures in 100 days. The grain, owing to an unusually large and solid oily germ, has peculiarly high germinating powers, seldom germinating less than 100 per cent.-truly a most valuable feature." It makes a rapid, strong, healthy spring growth; a short, thick, strong jointed stalk, with a profuse growth of air roots which hold it firm against storms. It has very long tap roots, which reach deep down

after moisture during dry weather. A very profuse growth of pollen and silk, producing very long, heavy, well filled ears, which grow low upon the stalk, and contain sixteen very straight and compact rows of rich golden colored, starchy, oily grain of a uniformly high grade, and which makes No. 1 feeding and milling corn. It has a very small red cob. Get a stock of it now. It will make extra dollars for you in future years. Sample ear in each bushel of shelled corn. 60c peck, \$1.00 ½ bushel, \$1.75 bushel.

White Cap Yellow Dent. The originator, Mr. C. S. Clark, of Ohio, makes strong claims for this new variety as follows: "It combines more solid merit than any other early corn, for it grows larger ears and is a better sheller, and from one week to ten days earlier; and on poor, thin soil will outyield all others by at least thirty per cent. The tip ends of the grains are white, the inside yellow, making it of beautiful color, both on the cob and when shelled." Expert corn growers pronounce it a perfect field corn, as to yield, size of ears, color, size of cob and growth of fodder. No corn in the world will yield as well on poor, thin land, while on strong, rich land it is wonderfully productive. 35c peck, \$1.00 bushel.

Early Mastodon. A new early dent variety originated in Northern Ohio. The ear is extra large, with large, deep grains; full foliage, moderately-sized stock well eared; it grows strong, rank and quick, and makes fine appearing shelled corn—two shades of white and yellow. 35c peck, \$1.00 bushel.

True Yellow Leaming. An extensively grown large yellow dent variety. The seed we offer is the true Leaming. It has pure glossy yellow ears growing low on a strong, heavy stalk; the grains are square and deep; ripens quite early, maturing frequently in one hundred days from planting; will yield, on good soil, with proper tillage and favorable seasons, from seventy-five to one hundred bushels per acre. 35c peck, \$1.00 bushel.

King of Illinois or Ripley's Prize. Bright yellow dent grown and carefully selected for twelve years in South Central Illinois, below Springfield. A cross between Learning and an earlier small-eared variety. The ears average ten to eleven inches in length with twenty rows, a very deep grain and dark red cob. The rows are straight and the ear even in size almost to the tip. Took sweepstakes prize at the Illinois State Fair in 1892 for the best yellow dent corn grown in the state. Took first and second prizes in 1894 and 1895 for the best yellow dent grown in the southern division of the state, and first prize in 1896 and 1897 for the same division. Corn is king in Illinois, and this is the King of Illinois corn. 60c peck, \$1.75 bushel.

CHOICE SEED OATS.

Clydesdale. A well known early white sort weighing 45 pounds and over per meas-

ured bushel. 65c bushel.

Lincoln. This valuable new white oats, first introduced in 1893, has been largely sold in all sections of the country, and has given fine satisfaction. Our seed was grown from stock obtained direct from the introducer. 65c bushel.

POTATOES FOR SEED.

The necessity of changing Potato Seed often is universally admitted by all well posted growers, but too seldom practiced. By using our Northern Grown Seed you are assured of early maturity, increased yield and vigorous growth. growers in Michigan are potato specialists, selecting healthy seed stock, selecting first-class potato ground, treating the seed and spraying the foliage when necessary. The potatoes are carefully handled when digging, and at the opening of the planting season we will be able to furnish all the leading standard sorts in barrel lots only at lowest market rates.



NORTHERN GROWN SEED POTATOES.

SEED SWEET POTATOES. Our Jersey stock is specially grown and stored over winter for sprouting purposes. We have been selling this stock for several years, and find the potatoes much dryer and sweeter than those grown from Western seed. We do not ship until planting time, and prices are subject to market changes.

Yellow Jerseys. 50c peck, \$1.00 ½ bushel, \$1.50 bushel, \$3.50 barrel.

Red Jersey. The best of all Reds, a smooth potato with yellow meat. 60c peck, \$1.00 % bushel, \$1.75 bushel, \$4.50 barrel.

Home Grown Seed Stock. Yellow and Red, nice, smooth and short. 40c peck, \$1.25 bushel, \$3.00 barrel.

COW PEAS—The Great Soil Improver.

They make poor land rich; make good land more productive; also a splendid and nutritious green forage or hay crop, enriching the soil even after being cut off.

Leguminous crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea has no superior, especially for medium or light soils, for which it is superior to clover. It also makes a splendid green food or a most nutritious hay, cutting as much as nine tons per acre, and better for ensilage than corn. They should be sown in May or June, about one and one-half bushels per acre. The best variety is the Black Cow Pea. 50c peck, \$1.75 bushel.

MISCELLANEOUS FARM SEEDS-Continued.

Broom Corn—Improved Evergreen. The standard, most popular variety in cultivation. Straw long, fine, erect and free from crooked brush. 18c per lb. by mail, 3 lbs. for 45c; by express or freight, 10 lbs. for 50c, 50 lbs. for \$2.00, or market price.

Buckwheat—Common. Sow broadcast about June 20. 90c bushel. Silver Hull. An improved variety, much better than the old sort. \$1.20 bushel. Japanese. Grain is much larger and has a thinner hull than other varieties. \$1.00 bushel.

Flax—Russian. Seed larger and contains more oil than Common Flax. \$2.00 bu.

Hemp. Sow broadcast, one-half bushel per acre. \$2.50 bushel.

Rape—Dwarf Essex. A forage plant of high value; can be sown in April for an early crop, and for fall crop in July, August or September; very rapid growth, ready to feed in ten weeks from sowing. Sheep, hogs or cattle gain weight faster on this than any other fodder, and a large crop is secured at nominal cost. Sow broadcast 6 lbs. per acre, or in rows 2½ feet apart 3 lbs. per acre. 15c lb., 100 lbs. for \$10.00.

Field Peas-White Canada. As good stock as can be found in the market. 10c

quart, 40c peck, \$1.25 bushel.

Giant Spurry. A forage plant largely grown for hay in some localities; sow 10 lbs. to the acre. 15c lb., 10 lbs for \$1.00.

BIRD SEED. Mixed Canary, Rape and Millet, 8c lb. Best Sicily Canary, 8c lb. Hemp, Rape or Millet, 8c lb. Sunflower Seed, 10c lb. Maw or Poppy Seed, 15c lb. Lettuce Seed for birds, 30c lb.

Two New Musk Melons, Petoskey and Rocky Ford.

UNSURPASSED FOR QUALITY AND UNEXCELLED FOR SHIPPING.



Petoskey Musk Melon.

Petoskey or Paul Rose. (See cut.) This variety originated with one of the most successful melon growers of the country, who reports that when planted for market the fruit has brought nearly twice as much per acre as he realized from any other sort. He has marketed the fruit under the name of Petoskey, and prefers that to his own name. It combines all the good qualities of Netted Gem and Osage, from which it originated. The fruit is oval, about five inches in diameter; firm flesh, rich orange red in color, very sweet and high flavored, and uniformly good, all

of the hundreds tested being sweet and rich flavored. A superb market and shipping sort, and just the right size for hotel and table use. The seed we offer is very fine and pure. 10c ½ oz, 20c oz, 60c ¼ lb.

Rocky Ford. This fine Colorado melon is one of the Netted Gem family, and has become one of the most popular of small or basket melons. Fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green, very sweet and high flavored, and the fruit is wonderfully uniform in shape and quality. 5c ½ oz, 10c oz, 30c ¼ lb.

New and Special Flower Seeds.

SWEET PEAS.

The Fragrant Favorite Flower. We are Headquarters for the Seed.

New Katharine Tracy. (See cut.) The finest and largest; color soft but brilliant pink, precisely the same shade in wings and standard; perfect form and strong vigorous plants give a wonderful profusion of flowers, continuing until the end of the season. 5c oz.



New Katherine Tracy.

Blanche Ferry. A bright pink; wings large and round, nearly white; plant dwarf, and an early and abundant bloomer, giving more flowers and continuing to furnish them longer than any other sort. 5c oz.

Butterfly. Standard is a combination of shades of violet and lavendar, often side-Wings similar in notched. color to standard, but deeper at edge; dwarf plant. 5c oz.

Cardinal. Medium sized. flowers, standard an intense crimson scarlet, with wings of a darker shade. 5c oz.

Blanche Burpee. New, large white flower, as large as Emily Henderson, with more graceful stems and sprays of flowers. 10c oz.

Dorothy Tennant. Very large violet flowers, beautiful sort. 5c oz.

Emily Henderson. Flowers pure white and borne in threes on a long stem; a persistent bloomer. 5c oz.

Mrs. Gladstone. Very large, brilliant but soft rose pink, dwarf plant,

free bloomer. 5c oz.

Primrose. Standard medium size, yellowish white in front, primrose yellow on back; wings large and nearly white. 5c oz.

Mrs. Sankey. Standard round, a delicate pink shell, with wings a little lighter. 5c oz.

Countess of Radnor. Pale mauve standard, wings pale lilac. 5c oz.

Captain of the Blues. Standard oright blue and purple, wings pale blue. 5c oz. ONE OUNCE of each of the above thirteen fine varieties for 50c.

Choice Mixed. Made up of the best sorts, with the right proportion of white, bright red, pink and other colors to make a brilliant garden show. 5c oz, 15c ¼ lb, 50c lb.

Cupid. The plants form a bunch nine inches high and about eighteen inches across, with an abundance of clear white flowers-an entirely new and distinct race. 10c pkt.

NEW CLIMBING NASTURTIUMS.



Hybrids of Madame Gunter.

Hybrids of Madame Gunter. (See cut.) A new section obtained by a French specialist by artificial hybridizing. They are distinguished by dark colored foliage and flowers of a richness and variety of coloring not to be found in any of the different classes of Nasturtiums heretofore grown. Twenty-two different colors or combinations have been produced, including rose, salmon, bright red, pale yellow, etc., either self-colored or spotted, mottled, striped and margined. 5c packet, 30c ounce.

CLIMBING NASTURTIUMS.

(Tropæolum Lobbianum.)

For covering trellises, fences, arbors, plazas, etc., nothing equals the gorgeous effect of marvelous quantities of bloom from early summer until frost. Flowers are of unusual richness and brilliancy; splendid for greenhouse or conservatory in winter. Height, 12 to 15 feet.

Coccineum. Bright orange scarlet. 5c packet, 15c ounce.

Cardinale. Scarlet. 5c pkt, 30c oz.

Dunnett's Orange. Rich golden orange, garnet blotches. 5c pkt, 15c oz. Giant of Battle. Rich bloodred. 5c pkt,

20c oz.

Hemisphæricum. Straw color, rosy scarlet blotches. 5c pkt, 15c oz.

Lucifer. Bright scarlet. 10c pkt, 50c oz. Spitfire. Bright flery scarlet. 5c pkt, 20c oz. Von Moltke. Bluish-pink. 5c pkt, 20c oz. Tall Nasturtiums, Mixed. All colors. 5c pkt, 15c oz, 50c 1/4 lb.

DWARF NASTURTIUMS. (Tropæolum Minor.)

The dwarf varieties are all desirable, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil. Hardy annual, one foot.

Tom Thumb King Theodore. Flowers almost black. 5c packet, 20c ounce.

Empress of India. New sort, one of the best, very dwarf and compact in habit, leaves dark and purplish green, and flowers deep rich crimson. 10c packet, 30c ounce. Choicest Mixed. All colors. 5c packet, 20c ounce.

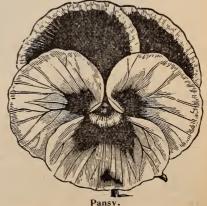
PANSY.

Favorite with all and too well known to require any description. Seed sown in February or March in greenhouse or sunny window will bloom freely all summer and fall. Sown April or May will flower in fall. Flowers are much finer when grown in very rich soil, in a cool and partially shaded situation. Our seed is from the best strains of the most noted growers in Germany.

Odier or Five Blotched. A beautiful strain, perfect in form and size of flower, as well as in beauty, variety and color. 25c packet.

Trimardeau and Cassiers Mixed. Distinct, beautiful new race, flowers larger than any heretofore produced, each marked with three large blotches or spots, and the plants produce an endless variety of beautiful shades. 25cpkt.

Best Improved Colors. Separate. 10c pkt. Good Mixed. 5c packet.





Large Flowering Fringed Petunia.

PETUNIAS.

Most desirable plants, succeeding well everywhere. They are particularly showy in beds or masses, and are universal favorites on account of their richness of color, fragrance and continuous blooming.

New Single Large Flowering Fringed. (See cut.) Flowers very large in size, deepthroated and beautifully fringed. 25c pkt.

Petunia Hybrida, Finest Mixed. All colors, fine for bedding or massing. 10c pkt.

Superbissima. A grand variety with an enormous flower, purple and crimson, handsomely veined throat. 25c packet.

Mixed. Great variety of colors and kinds, including some choice large flowering sorts. 5c packet.

THE IMPERIAL JAPANESE MORNING GLORY.

Flowers of gigantic size, remaining open the greater part of the day. Colorings beyond description, ranging from snow white to dark purple, with all possible intermediate shades—pink, red, blue, slate, brown, as well as striped, spotted, flaked, etc. One of the wonders of nature. 10c pkt, 3 for 25c.

POPPIES.

Very showy, free blooming and easily cultivated plants, with large and brilliantly colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. A great advance has recently been made in its development, which has brought it in deserved popularity, and it may safely be said that no other flower produces a more brilliant display of color during the blooming period. Sow early in the spring where they are to remain, as they cannot be transplanted.

Carnation Flowered. Double, brilliant, large, showy, easily cultivated. Mixed, 10c pkt. Danebrog. Large single flowers, brilliant scarlet color, with a large silver-white spot on each petal, thus forming a white cross. 10c pkt.

Oriental. Hardy perennial and the largest Oriental Poppy; showy plant, deep crimson flower, with a conspicuous black spot on each petal. 5c pkt.

Umbrosum. Richest vermilion flowers, with deep shining black spot on each petal. 10c packet.

NEW

EARLY FLOWERING COSMOS.

Dawn. (See cut.) Cosmos are unquestionably very handsome flowers. Seed sown in the open ground in the beginning of May will produce plants blooming in August that will continue to flower until late in the fall. No single flower is as handsome and chaste, while it is unexcelled for keeping when cut. 10c pkt, 3 for 25c.

White and Pink. Separate. 10c pkt, 3 for 25c.

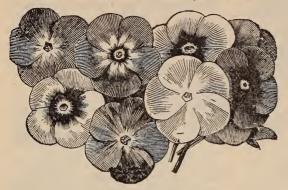
Mixed. All colors, large flowering sorts. 10c packet, 3 for 25c,



New Early Flowering Cosmos.

PHLOX DRUMMONDI.

A very pretty hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from purest snow white to deepest blood red, and an unusual long blooming season. No other annual compares for beauty, duration of bloom, brilliancy of color and usefulness. Many Colors Mixed. 5c packet, 15c \(4 \) oz, 50c oz.



LARGE FLOWERING PHLOX.

(SEE CUT.)

The very large flowering kinds are a most decided improvement on the Drummondi, producing flowers almost twice the size of the latter, with the most brilliant colors that can be imagined. The plants are very hardy, and of the easiest cultivation.

Alba. Flowers of pure white and extra large in size. 10c packet.

Scarlet. Color most intense. 10c packet.

STARRED AND FRINGED PHLOXES. The most distinct and striking. In the "Starred" the flowers have a most distinct and regular star-like appearance, their attractiveness being greatly enhanced by broad white margins which border the edges of the petals. In "Fringed" the petals are partly fringed, three-toothed, the center teeth almost twice as long as the lateral, all clearly bordered with white. Mixed. 10c pkt.

DIANTHUS. (China Pink.)

Magnificent genius, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profuse bloom the first season, very fragrant and of easy culture. Our seed has been selected with reference to the greatest variation of color and shape of flowers.

Chinensis. China or India Pink. Extra double, all colors mixed. 5c packet.

Heddeweggii Flore Pleno. Double Japan Pink. Seed from extra double flowers, varying from rich velvet crimson to delicate rose. All colors mixed. 10c packet. Laciniatus Flore Pleno. Double Fringed Japan Pink. Large, showy flowers with

fringed edges: mixed, variously colored and beautifully striped. 10c packet.

Imperialis. Double Imperial Pink. Finest mixed, many bright colors. 5c packet. Barbatus. Sweet William. Single, 5c packet. Double, 10c packet.

Carnation-Finest German. Mixed colors. 25c pkt. Carnation Picotee. Flowers white or yellow, petals bordered with purple, red or rose. 10c pkt.

Marguerite. Flowers large, fragrant, and borne in great abundance and variety of colors. 10c pkt.

CHINA ASTER.

Hardy annual, producing flowers of richness, profusion and variety of color, combined with perfect and beautiful form. In dry, hot weather, mulch with rotten manure and water well.

Comet-Mixed. Flowers resemble large Japanese Chrysanthemum, petals long and twisted. 10c pkt. Pure White. 10c packet.

Triumph. Flowers of faultless paeonia form, incurved, rich and beautiful scarlet color. 10c pkt.

Victoria—Mixed. Large, perfectly double, imbricated and globular, pyramidal habit, vari-colored. 5c pkt. Pure White. 10c packet.

Mignon. Pure white, resembling the Victoria class, very profuse bloomer. 10c packet.

Crown. Mixed colors, large white-centered double flowers. 10c packet.

Pæony Flowered. Large, double, mixed. 10c pkt.



China Aster.

ABRIDGED LIST OF FLOWER SEEDS.

Ageratum Imperialis-Blue and White. Dwarf bedding and vase plants, valuable for large beds or borders, and very useful when cut flowers are in demand, 5c pkt.



Alyssum, Sweet. (See cut.) Free flowering, pretty little

foliage plants for bed edgings. 52 packet.

Amaranthus. (Joseph's Coat.) Tri-color, showy foliage

plants, very brilliant. 5c packet.

Antirrhinum. (Snap Dragon.) Most showy and useful border plant, hardy perennial, two feet. 5c packet.

Aquilegia. (Columbine.) Blooms freely in the spring and summer, hardy perennial. Choice mixed, 5c packet.

Balloon Vine. (Love in a Puff.) Rapid growing plant, half-hardy annual, five feet. 5c packet.

Balsams. (Lady Slipper or Touch-me-not.) An old and favored garden flower. Extra double white, 10c packet. Double mixed. 5c packet.

Balsam Pear and Balsam Apple. Most luxuriant summer

climber with orange fruit. 5c packet.

Browallia Elata Grandiflora Cœrulea. Large sky-blue flowers, white center. 10c pkt. Calendula. (Pot Marigold.) Showy, free-flowering plants of easy cultivation; hardy annual; two feet. 5c packet.

Canna. (Crozy's Mixed.) Ornamental plant, producing a rich effect. 5c packet.

Candytuft. (See cut.) Well known annual, considered indispensible for cutting. 5c pkt. Rocket. Pure white, 5c pkt. Canterbury Bells. Large, bell-shaped flowers. 10c packet.

Celosia-Glasgow Prize. (Cockscomb.) Free flowering and graceful plants. 5c packet.

Cucumber. Wild, ornamental climber. 5c packet.

Centaurea—Cyanus Mixed. (Corn Flower.) Fine for bedding, half-hardy. 5c packet.

Convolvulus Major. (Morning Glory.) Hardy annual, 5e pkt. Cypress Vine. One of the most popular climbers, crimson flowers. 5c packet.

Catchfly or Silene. Mixed colors, hardy annual. 5c packet. Chrysanthemum Annual. (Painted Daisy.) Grown for cut flowers. 5c packet.

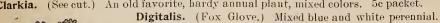
Castor Oil Bean. (Ricinus.) Popular tropical foliage plants. 5c packet.

Cobea Scandens. An elegant summer climber, large flowers, bell-shaped. 10c packet.



CANDYTUFT.

Clarkia. (See cut.) An old favorite, hardy annual plant, mixed colors. 5c packet.



10c packet. Delphinium. (Larkspur.) One of the most showy and

useful plants. 5c packet.

Daisy. (Bellis Perennis.) A favorite plant, in bloom from April to June. Mixed. 5c packet.
Dusty fliller. (Cineraria Maritama.) (See cut.) White-

leaved. 5c packet.

Eschscholtzia. (California Poppy.) In bloom from June until frost; one foot. Ec packet.

Euphorbia. (Snow on the Mountain.) White and green, variegated. 5c packet.

Gomphrena. (Globe Amaranth or Bachelor's Button.)

Handsome plants. 5c packet. Gaillardia. Splendid bedding plants, half-hardy, one and

one-half feet. 5c packet. Gourd. Calabash, Egg and Pear-shaped, Luffa or Dishrag. 5c packet.

Helianthus. (Sunflower.) Mammoth Russian, the largest of all, 5c packet. Flora Plena. Double sunflower, 5c packet. Cucumberfolio. Small, 5c packet.



ABRIDGED LIST OF FLOWER SEEDS-Continued.

Hollyhock. (Althea Rosea.) (See cut.) Hardy perennial, choice mixed. 10c packet.

Ice Plant. (Mesembryanthemum.) Tender trailer, one-half foot. 5c packet.

Ipomea Grandiflora. (Moon Flower.) Large and pure white fragrant flowers, opening in the evening. 10c packet.

Kennilworth Ivv. A favorite drooping basket plant. 10c packet.

Lobelia. Beautiful basket plant. 5c packet.

Mimosa. (Sensitive plant.) Leaves droop and close when touched. 5c packet.

Maurandia. Graceful climbers for the greenhouse, parlor or basket purposes. 5c packet.

Marvel of Peru. (Four O'Clock.) A handsome, free flowering garden favorite. 5c packet.

Mignonette. Very fragrant annual. 5c packet. Nemophilia. Bright colored flowers, blue, white, violet. 5c packet.

(Love in a Mist, or Devil in a Bush.) Nigella. Free flowering, hardy annual. 5c packet.



Nicotina. A very pretty, large flowering and effective plant for groups. 5c packet.

Portulaca. Dwarf, brilliant annuals, succeeding well in hot situations. Single, mixed, 5c packet. Flowered Moss, 10c packet.

Primula Sinensis. (Chinese Primrose) (See cut.) One of the most delicate winter blooming plants. 25c packet.

Salpiglossis. Curiously penciled and marked, funnel-shape flowers. 5c packet.

Salvia Splendins. (Scarlet Sage.) Beautiful bright scarlet, fall flowering plants. 10c packet.

Scabiosa. (Mourning Bride.) Handsome summer border

plant. Double Mixed, 5c packet.

Stocks. Perpetual dwarf, ten weeks, one of the most popular plants. Mixed, 5c pkt. Blood Red, the brightest color, double, 10c pkt. Snowflake, for forcing, uncommonly large snow white flowers, very double, 10c pkt.

Torenia Fournieri. Large sky-blue flowers, with three spots of dark blue, and a very bright yellow center. 10c packet.



Primula Sinensis.

Tagatees. (Marigold.) Well known half-hardy annual, of easy culture and handsome

vari-colored flowers. 5c packet. Thumbergia. (Black-eyed Susan.) Beautiful and rapid growing climber. Mixed, 5c pkt. Alba Oculata, white with dark eyes, 5c packet. Aurantiaca, orange with dark eye,

> 5c packet. Verbena. Not excelled for masses in beds or lawn, blooming freely the first season from seed, with beautiful, dazzling and self-colored flowers, striped and variegated. Mixed Mammoth Flowered, 10e pkt. Scarlet and Pure White, separate, 10c packet. Mixed, all colors, 5c packet.

> Vinca. (Madagascar Periwinkle.) Ornamental free blooming plant, mixed, 5c packet.

> Wallflower. Well known deliciously fragrant garden plants, finest double, 10c packet.

> Xeranthemum. (Everlasting Flower.) Leaves are covered with silvery down, flowers pure white, deep purple and yellow, single and double, 5c packet.

Zinnia. Ranks high in the public estimation as a showy, free-flowering, easily grown plant for the summer garden; seed can be sown early in hot-bed and transplanted. or sown later in open ground; dwarf, hardy annuals, double mixed, all colors. 5cpkt.



PLANT DEPARTMENT.

CANNAS.

Yellow Burbank. New California Hybrid, with giant, orchid-like flowers. Raised by Luther Burbank, of Sonoma County, Cal., originator of many valuable fruits, flowers and vegetables. Flowers of gigantic size, the three upper petals spreading fully seven inches, and are a rich canary yellow, with a few carmine spots in the throat. A novelty magnificent in every way. 15c each, \$1.25 dozen.

Austria. A new yellow, tall grower and very large flower. 15c each, \$1.25 dozen.



Alphonse Bouvier. (Medal.) Six feet, green leaf, flowers spike very large and full, and the flowers on each come in bloom together. The large flowers are a bright crimson in color. The older flower heads droop a trifle as new ones come on, each strong stalk furnishing two or three clusters of bloom.

15c each, \$1.25 dozen. Charles Henderson. A magnificent variety; the flowers are deep rich crimson, borne in compact symmetrical heads above a rich green foliage. The habit of the plant is dwarf, about 3% feet high. but broad and massive foliage. All in all, this variety may be considered the finest of recent importations. 15c each, \$1.25 dozen.

Egandale. (Medal.) Four feet; purple foliage; strong and compact flower spikes; color, currant red. The finest bedding Canna of its color, because of its harmony of leaf and flower, and because of its brilliancy it can be seen the farthest. either in the sunlight or at dusk.

15c each, \$1.25 dozen.

Paul Marquant. Large size and distinct bright salmon scarlet, passing to a rosy carmine with a silvery luster, soft as an orchid. Flowers separate in spikes; 3 feet. 15c each, \$1.25 dozen.

Queen Charlotte. Considered by many the finest of all gilt edged varieties. Plant about three feet high with heavy bluish-green foliage; the enormous flower spikes tower above the foliage and bear a beautiful bouquet of large flowers of perfect form, with petals of rich scarlet crimson, broadly banded with canary yellow. 15c each, \$1.25 doz.

Rose Unique. The nearest approach to a rose color yet introduced; of remarkably vigorous but dwarf growth, attaining a height of 3\% feet. 15c each, \$1.25 dozen.

Madam Crozy. (Medal.) Four feet; immense flower heads of the deepest vermilion and gold-bordered; petals very wide, broadly rounded; green foliage. 15ceach, \$1.25 doz. J. C. Vaughan. 4½ feet; purplish foliage; flowers large, color deep, clear vermilion orange, with a satiny luster on its petals; large flower spikes. 15c each, \$1.25 dozen.

Florence Vaughan. (Medal.) Most famous of all Cannas. Petals remarkably wide, ends rounded, very large flowers, the only approach to a yellow of such size yet attained, and though thickly dotted with brightest red, its general effect is rich, orange yellow; green foliage, splendid broad leaves, height 5 feet. No Canna bed is complete without this perfect type of yellow. 15c each, \$1.50 dozen.

Eldorado. One of the best yellows, speckled with red; 3½ feet. 15c each, \$1.25 doz.

Columbia. A gem, large crimson flower; 3½ feet. 15c each, \$1.25 dozen.

GENERAL LIST OF PLANTS.

The smaller prices attached are for plants in from two to three inch pots, while the largest are for fine specimens in six to seven inch pots. We usually have very nice plants at a price between.

Azaleas. Early spring and winter blooming shrubs, choice named sorts, 50c to \$2.00.

Ageratum. Splendid blue bedding plants, 5c to 25c each.

Abutilon. (Parlor Maples.) Constant blooming, bell-shaped flowers, 6 sorts, 10c to 40c each. Acvranthus. Blood red and variegated foliage plants, three sorts, 5c to 25c each.

Alternanthera. Low growing border foliage plant, 5c to 40c each, 50c dozen, \$3.50 100. Alyssum, Sweet. Double and variegated foliage, fine basket plant, 5c to 10c each. Asparagus Tenuissimus. Very handsome climbing, fine foliage plants, 10c to 25c each.

Asters. Choice seedlings, separate colors, ready June 1, 5c each, 25c dozen.

Antirrhinums. (Snap Dragon.) Mixed seedlings, 5c each, 25c dozen.



Weltonensis Begonia.

Begonias. (See cuts.) Beautiful flowering and foliage plants, remarkable for the rich and varied markings of the foliage: well adapted for wardian cases, or vases and baskets in shaded situations. They delight in light open soil, composed of rich loam, loose woods earth, and a little sharp sand. 10c to 50c each.

Calendula. (Pot Marigold.) Most desirable summer blooming annual, 10c each.

Cape Jasmine. (Catalonian Jasmine.) Pure white sweet-scented flowers, 10c to 25c.

Carnations. Six very desirable sorts, winter blooming, 5c to 25c each.

Coleus. Popular foliage plants, fifteen sorts, 5c to 25c each, \$3.50 per 100.

Cocolobia. Curious flat-stemmed plants of easy culture, 5c to 25c each.

Cuphea. The common cigar plant, 5c to 15c each.

Dianthus. (China Pink.) Annual summer flowering, 5c each, 25c dozen.

Fuchsias. From a large collection of these very popular plants we have selected the very best, which we offer with the certainty of their giving the fullest satisfaction. Small plants, 10c each; fine large ones, 25c each.

Feverfew, or Featherfew. An old garden favorite, 5c to 15c each.

Ferns. Assorted. Our collection comprises some very choice sorts. 10c to 75c each.

Geraniums. These are more popular than any other bedding plant. 10c each, \$1.00 dozen; extra large, 25c to 50c each.

Glechoma Variegata. Most beautiful and easily grown basket plant, 5c to 15e each.

Hibiscus. Crimson, pink and yellow, very brilliant, 10c to 50c each. Variagata. Beautiful, variegated foliage, 25c each.

Heliotrope. Assorted colors, very handsome and fragrant bedding plants, 5c to 25c each.

Hydrangea. (Thomas Hoge.) Pure white and Otaksa pink, 10c to 50c each.



Impatiens Sultani. An ever-blooming pink flowered plant, 10c to 25c each. Ivies-English. Hardy, thick-leaved climber, 5c to 25c each. Parlor or German. A tender basket plant, 5c to 25c each.

Ipomea Grandiflora. (Moon Flower.) Rapid growing climber, 10c to 25c each.

Lemon Verbena. Very fragrant foliage, 5c to 25c each.

Lantania. Constant flowering bedding plants, assorted, 5c to 25c each. Lobelia. Dwarf, blue basket plants, 5c each.

Licopodium. (Mosses.) Low growing basket plants, 10c each.

Marantia Zebrina. Beautiful striped foliage, tender decorative plant, 15c to 50c each.

Oxalis-Ortgiesi. Shrubbery, yellow flowers, red leaves, 5c to 25c each. Rosea and Alba. Drooping, easily grown plants, 5c to 10c each.



Palms and Decorative Plants. (See cuts.) This class of decorative plants is becoming very popular, and deservedly so, as there is nothing more beautiful than a moderately-sized plant. They are of very easy culture, standing the dry atmosphere of a parlor or living room remarkably well. Our stock comprises those of the easiest culture. Prices from 25c each upward.

Pansies. In bloom, 5c to 10c each, 50c dozen. Small seedlings, 25c dozen.

Passion Vine. Blue, white and pink climbers, 10c to 25c each.

Petunias. Double, choice fringed sorts, 10c to 25c each.

Pilea. (Artilleria Plant.) Neat little basket plant, 5c to 25c each.

Pontederia. (Water Orchid.) A curious water plant, 25c each.

Primula Sinensis. (Chinese Primrose.) Pink and white, 15c to 25c each.

Pelargonums. Fancy colored geranium, spring blooming, 10c to 50c each.

Russillia Juncea. (See cut.) A beautiful drooping

house plant, red flowers, 10c to 25c each.

Richardia Alba. (Spotted Calla.) Summer blooming, small flower, 15c to 25c each.

Salvia Splendins. (Scarlet Sage.) Blooming in the fall, 5c to 15c each.

Smilax. A popular climber, 15c each.

Tradescantia. (Wandering Jew.) Four sorts, drooping plants, 5c each.

Verbenas. Popular bedding plants, assorted, 5c each, 50c dozen.

Vinca. (Periwinkle.) Ornamental, free flowering greenhouse perennials, glossy green foliage and handsome flowers, used for bedding plants. Rosea and Alba. 10c to 25c each. Variegata. Yellow and white leaved, trailing, 10c to 25c each.



Russillia Juncea.

CHRYSANTHEMUMS.

The improvements made in this favorite autumnal flower during the past few years have been so great that for late fall and early winter blooming no other plant compares with it. It thrives well in any good rich garden soil, its only requirements being plenty of water and sunlight. In planting, give each one at least two feet square, as if well grown they will touch each other by October 1. As the Chrysanthemum flowers only on the terminal branches, the tops of the young plants should be pinched out when five or six inches high. Allow four shoots to grow from this main trunk; when these are four inches high, pinch out the terminal bud, and save three or four of the branches that will spring from each of these limbs. Allow these last branches to attain a height of six inches; then pinch out for the last time, not later than August 1. After this they should be allowed to grow undisturbed. If wanted for indoor blooming, they should be lifted about October 1st and potted. Give a thorough watering, and set in a shady place for a few days. Afterwards expose them to the full light, but do not keep them warmer than forty to fifty degrees.

Twenty-five of the Newest and Most Reliable Varieties, All "Prize-Taking" Sorts, loc. each, \$1.00 per dozen.

HARDY SHRUBS AND VINES.

Our shrubs and vines are all strong; well rooted, transplanted stock from open ground. Once carefully planted in suitable positions, they increase in size and beauty from year to year, and require but little further care. The time of bloom of the different sorts extends over nearly the whole season, but the greatest show is to be expected in the spring and early summer.

Ampelopsis Veitchii. (Boston Ivy.) Dark green, tenacious climber for walls. 25c. Althea. (Rose of Sharon.) Double flowers, summer bloomer, 25c each.



IACKMANIL

Barberry. Purple foliage, yellow flowers, blooming in the spring. 25c each.

Calycanthus. (Sweet Scented Shrub.) No garden complete without it. 25c each.

Clematis-Virginica. Cream colored and fluffy flowering vine. 25c each.

Clematis—Flemula. Sweet scented and flowers nearly white. 25c each.

Clematis—Jackmanii. (See cut.) Large purple flowers. 50c each.

Cornus. (Red Wood.) Beautiful red bark, flowers nearly white. 25c each.

Deutzia—Crenati. (Flore Plena.) Double, pink and white, 5 feet, 25c each. Gracilus. Dwarf, two feet high, white and early flowered. 25c.

Exochordia Grandiflora. New, early flowering shrub, four feet. 25c each.

Hydrangea Paniculata. The most desirable of all hardy shrubs. 25c each.

Honeysuckles. Desirable climbing hardy vines. Helleana. Pure white, blooming all summer, 25c each. Chinese Twining. Pink flowers, monthly bloomer, 25c each. Trumpet. Old common red and yellow, 25c each. Area Articulata. Variegated foliage, splendid vase plant, 25c each.

Lilacs. Common, White, Purple and Persian, 25c each.

Philadelphus or Mock Orange. Beautiful spikes of flowers in early spring. Coronarius. Cream white and sweet, 25c. Pure White. Largest flowers, not sweet, 25c. Spirea Prunifolia. The most desirable sort, white flowers, 25c each.

Rhododendron. Choice named sorts, \$1.00 to \$2.50 each.

Viburnum. (Snowball.) Large flowers, 25c each. Plicatum. New, small flowers, 50c.

Wigelia Rosea. Ten feet high, rose-colored, the hardiest, 25c each.

Wisteria Sinensis. Popular climbing vine, long clusters of lavendar flowers, 25c each.

HARDY PERENNIAL PLANTS.

Pæonia. Finest named varieties, 35c each. Best mixed, 25c each. Phlox. Hardy, best mixed, 10c each. Named Varieties, 25c each.

Iris. Named varieties, 15c each. Mixed German, 10c each. Kæmpferii, 25c each.

Pinks. (Hardy.) China. (See cut.) 10c per clump. Sweet William, 10c per clump. Snow. Pure white, 10c per clump. Scotch White, 10c per clump.

Aquilegia. (Columbine.) Mixed, handsome, and one of the

early bloomers. 25c each. Spirea Japonica. 15c each.

Coreopsis Lanceolate. 25c each.

Dialetra Spectabilis. (Bleeding Heart.) The old favorite, found in every garden, 25c each.

Eulalia-Japonica. Ornamental grass, 25c each. Zebrina, 25c each.

Funka-Alba. White Day Lily, 25c each. Variegated leaves, blue, 25c each.

Yucca—Filamentosa. (Adam's Needle.) 25c each.

Helianthus. Hardy, double sunflower, very desirable and a handsome plant, 10c each.



DIANTHUS CHINENSIS.

Summer and Autumn Flowering Bulbs.



GLADIOLUS.

The most attractive of all summer flowering bulbs are the Gladioli. Wonderful improvements have been made in recent years in their size and beauty, and our list comprises only the best selections, both in mixtures and named sorts. Their cultivation is very simple, as they will thrive in any garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to September by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant six inches apart in beds or double rows, and three inches deep. They are very effective when planted among roses, shrubbery, etc.

Snow White. Flowers of fine shape, large size, and pure paper white; spikes large and thickly set with flowers. 20c each, \$2.00 dozen.

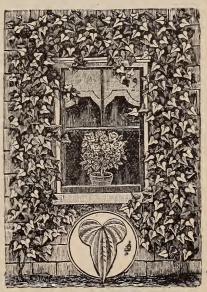
Scarlet and Crimson. Mixed, 5e each, 30e dozen. White and Light. Mixed, 5c each, 50c dozen. Yellow. 5c each, 50c dozen.

Pink and Variegated. Mixed, 5c each, 40c doz. All Colors, mixed, 5c each, 30c doz. Extra Choice. Mixed, 5c each, 40c dozen.

CINNAMON VINE.

The most beautiful and charming of all climbers, and will quickly cover an arbor, window or veranda with a great profusion of vines covered with sweet-scented flowers. making it a perfect bower of beauty. This vine is perfectly hardy, and once planted will

grow finely for many years, filling the air with a most delicious fragrance—a source of constant delight to every possessor. There is nothing that will give a house a more home-like and cosy appearance, or be a surer index of refinement and culture than beautiful vines twining about the porch and trellises. each, 6 for 25c.



Cinnamon Vine.

TUBE=ROSES.

Double Pearl. (See cut.) One of the most delightfully fragrant and beautiful summer-flowering bulbs. For early flowers start in a hot-bed or greenhouse in February or March, and for a succession

plant at intervals as late as August. For the open border plant about May 1. Choice bulbs, 5c each, 50c per dozen.



Lilium Harrisi.

LILIES.

LILIUM HARRISII.

The Bermuda Easter Lily. (See cut.) This now well known variety has large, trumpet-shaped, pure white flowers, of beautiful form and rich fragrance. It is extensively used for forcing, for which purpose select bulbs must be procured, if early results are desired. The bulbs are hardy outdoors with moderate protection. Dry bulbs in thefall, 25ceach; in the spring in pots, in bud or bloom, 35c to \$1.00 each.

LILIUM CANDIDUM.

The peerless White Lily, queen of the garden. (Seecut.) Although old and common, this is still the finest clear white flower in cultivation, and no garden, however small, should be without at least one plant of this beautiful variety. Ready in September and early spring. 10c each, \$1.00 per dozen.

RICHARDIA ÆTHIOPICA.

Calia. White Calla or Lily of the Nile, one of the best winter window plants. 15c to 50c each in pots.

LILIUM AURATUM—Gold Banded Japan Lily. Immense blooms, nearly one foot across, large white petals, crimson spotted and gold banded. 25c to \$1.00 each.

ELEPHANT'S EAR.

CALADIUM ESCULENTUM. (See cut.) Very effective plant, and suitable for either a single plant on the lawn, masses in beds, or for margins of water. Its very distinct, apron-like leaves often attain the length of three feet by twenty inches wide. When full size the plant stands about six feet high. They should obtain plenty of water and rich compost. The bulbs can be stored in dry sand in winter, and thus kept from year to year. Dry bulbs, 10c, 15c and 25c each. Started in pots, 15c to 50c each.



Lilium Candidum.

MADEIRA ROOTS. (Mignonette Vine.) 5c each, 35c dozen.

AMARYLLIS—Johnsonii, 25c to \$1.00 each. Formosissimi, 25c.

DAHLIAS. Named varieties, started, 25c each. Dry bulbs, 15c each. Mixed (unnamed) 10c each. CYCLAMEN GIGANTEUM. Winter blooming bulbs

with variegated foliage, 15c to 50c each.



About the first week in April we shall have ready a very large number of dormant Roses, of the most hardy free blooming varieties, in all the different colors. These are the very best for planting out—all two years old, from eighteen to thirty inches in height, with several branches. We have sold these same-sized plants for several years, and they give perfect satisfaction. They are not to be compared with small mailing plants. 25c each, \$2.50 per dozen.



Elephant's Ear.

POULTRY FOOD, ETC.

Bowker's Animal Meal for Fowls and Pigs. Not a medicine, but a true egg-producing, flesh and bone forming food, and supplies just what laying hens and growing chicks require, and takes the place of all other animal food, as well as ground bone or crushed oyster shells. It is prepared from fresh meat and fresh bones carefully selected, dried and ground to as weet meal. It should never be fed dry or alone, but in connection with other foods made into a mash. Ask for pamphlet called "The Egg," a valuable little book treating upon the care of poultry. 6-lb. package for 25c.





Rust's Egg Producer. Makes fowls vigorous and healthy, shortens the moulting period, prevents and cures leg weakness, etc., and is just what is needed to make poultry keeping profitable. Hens must lay when you feed with it. 1 lb. box, 25c, by mail 44c; 2½ lb. box, 50c, by mail 94c; 6 lb. box by express \$1.00.

Rust's Haven's Climax Condition Powder. An invaluable cure for gapes, fowl cholera and other diseases of poultry, and equally good for all kinds of stock. 13 oz. box 25c, by mail 40c; 32 oz. box 50c, by mail 85c; 5 lb. box by express \$1.00.

Rust's Haven's Roup Pills. Harmless and effective, the best remedy ever discovered for roup, catarrh. colds, etc. Box of 50 pills for 25c, mailed on receipt of price.

Crushed Oyster Shells. One of the most important articles for the poultry yard through the winter, and should be liberally supplied to fowls to supply lime. It is a substitute for bone, being cheaper. 10 lbs. for 15c, 25 lbs. for 30c; 100 lb. sack for 75c.

Granulated Bone. About the size of wheat or cracked corn, and can be fed like any other food in grain, about one handful daily for every five fowls. It furnishes a valuable food for poultry at all seasons of the year. 5c lb., 10 lbs, for 40c, 50 lbs. for \$1.50.

Orr's Clear Grit. A rich limestone grit for poultry and pigeons, containing all the necessary elements to produce the best laying results, health and vigor; clean, sharp limestone, no gravel. 5 lbs. 15c, 10 lbs. 25c; 25 lbs. 40c, 100 lbs. \$1.00.

Mica Crystal Grit. For pigeons, poultry, ducks, geese and turkeys. A rock combination of aluminum, silicia, iron and magnesium. It is well known that poultry digest their food by the aid of stones and grit. Mica Crystal is pre-eminently excellent—sharp and ground just the right size. 5 lbs. 15c, 10 lbs. 25c, 25 lbs. 40c, 100 lbs. 85e.

A Valuable Pamphlet on Poultry Keeping and price list of poultry and pigeon food mailed free.

Hammond's Slug Shot. A non-poisonous powder and very popular insecticide. Requires no further mixing or preparation, is easily applied, and not injurious or dangerous to animals, the person applying it, or the fruit and vegetables treated, but is very effectual in destroying potato bugs and beetles, green and black fly, slugs, caterpillars, worms, etc. Ten to forty pounds to the acre, applied with duster, bellows or gun. 5 lbs. 25c. 10 lbs. 50c. Tin canister for applying, perforated top, 25c.



SPRAY YOUR FRUIT TREES AND VEGETABLES.

The operation of spraying is simple, inexpensive, and so effective that it cannot be too strongly urged. It is safe to say that it will double the income from an orchard, so that no fruit grower can afford to dispense with it. Worm-eaten fruit need not and should not be longer offered on the market. We will send a catalogue of spray pumps and nozzles to any customer upon request. As the catalogue contains much useful information it should be in the hands of every one interested in fruits and vegetables.



Success Knapsack Sprayer.

The "Success" Knapsack Sprayer. (Seecut.) A knapsack and bucket sprayer combined for applying fungicides and insecticides in a mist-like spray, for the treatment of mildew, black rot on grapes, as well as potato blight, etc. With it one man can spray from five to six acres of vines in a day. The machines are made entirely of copper and brass, and the chemicals will not corrode or rust them. The air chamber keeps up a steady pressure, so a continuous discharge is given. The new improvements enable this sprayer to be used as a knapsack or bucket sprayer. As a bucket sprayer the handle and lever are removed and the extra handle with which the outfit is provided is placed in position as shown by the dotted lines. They are provided with a mechanical agitator. The pump may be worked with either the right or left hand. Any leakage around the plunger is returned to the tank and does not run down the operator's back. There is also an attachment (shown at A) for under-spraying. The copper tank holds five gallons; bronze ball valves. Price \$10.00.

The "Bordeaux" Nozzle. (See cut.) The simplest and best combination spraying nozzle on the market. It throws a solid stream or fan-shaped spray; adjustible to any fineness; easily degorged; throws coarser spray a long distance. Price for quarter-inch pipe, 75c each.

"Out-of-Sight" Mole Trap. (See cut.) The best mole trap ever offered, and only has to be tried to be appreciated.

The secret of mole-catching is a good trap and to know their habits. A sample trap sent postpaid, with the fullest information, for 85c.



Bordeaux Nozzle.



Mole Trap.

The "Success" Lawn Sprinkler. (See cut.) Japanned malleable iron sled, nickle-plated brass nozzle and hose connection, the simplest, neatest, most convenient and most durable lawn sprinkler ever brought out. It has no revolving parts to wear out, and can be pulled about with a cord and ring without shutting off the water. It throws an umbrella-shaped spray from

fifteen to thirty feet, according to the pressure of water, and will work on any pressure. Using the "Success" Sprinkler makes the lawn beautifully green and smooth-one of the low-priced articles that gives abundant returns in pleasure and satisfaction. 75c each.



Success Lawn Sprinkler.

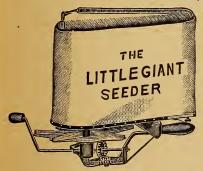
Bowker's Special Manures, Fertilizers and Chemicals

Manufactured by the Bowker Fertilizer Company, Boston and New York. They are soluble, active and sure. This Company is the original and largest manufacturer of special fertilizers in the country, and its output amounts to more than one hundred tons for every working day in the year. A complete catalogue will be mailed on application. As there is now very strong competition in fertilizers, we preer to make a special price to parties wanting it in ton or car lots, and will send special catalogues regarding Fertilizers and Agricultural Chemicals, such as Nitrate of Soda, Muriate of Potash, Sulphate of Potash, Kanite, etc., on application.

BOWKER'S LAWN AND GARDEN DRESSING. Odorless, concentrated, cheapest, easiest and the cleanest to use. This dressing is so prepared that it acts gradually throughout the season. It may be applied at any time through the spring, summer or autumn, or as often as the grass seems to need nourishment. It will restore to fullest luxuriance many lawns that have been nearly ruined by drought. Prices: Sample bag for 500 square feet of garden or 1000 square feet of lawn, 50 cents; for 1000 square feet of garden or 2500 square feet of lawn, \$1.00; 50-lb. bag for 2500 square feet of garden or 5000 square feet of lawn, \$1.75; 100-lb bag for one-eighth acre of garden or one-fourth acre of lawn, \$3.00.

BOWKER'S AMMONIATED FOOD FOR FLOWERS. A dressing made expressly for plants grown in the house, garden or conservatory, made from the same chemicals used in making many kinds of medicine. Clean, odorless and producing early and abundant blossoms of rich and brilliant color, and healthy and luxuriant plants, free from vermin. Prices: Package sufficient for thirty ordinary-sized plants for three months, 25 cents; package sufficient for thirty ordinary-sized plants for one year, 50 cents—sent by mail, postage paid, on receipt of price.

LITTLE GIANT BROADCAST SEED SOWER.



The best on the market. As can be seen from the illustration, it is simple in construction, light, strong and durable, and has a pressed tin distributing wheel, something found in no other sower, and the easiest running machine known, having no feed plate to carry, and weighing but three pounds complete. The agitator or force feed is such that seed need not be cleaned. Will sow orchard or blue grass, and will distribute all kinds of fertilizer, land plaster and ashes. Flax and clover seed 36 feet to the round; buckwheat 46 feet to the round; wheat 50 feet to the round; barley 40 feet to the round; timothy seed 27 feet to the round; oats 36 feet to the round. Sack holds nearly a bushel. \$2.00 each.

MISCELLANEOUS ARTICLES.

Baskets of Fancy Flowers and Immortelles. 50 cents to \$2.00 each.

White Doves. Finest quality, \$2.50 each. Sheaves of Wheat. 50c to \$1.50 each.

Gold Fish. 25c each, \$2.50 per dozen. Aquariums. 50c to \$3.00 each.

Flower Pots. 2-inch, 25c dozen; 3-inch, 30c dozen; 4-inch, 40c dozen; 5-inch, 50c dozen;

6-inch, 75c dozen; 7-inch, 10c each; 8-inch, 15c each; 10-inch, 25c each; 12-inch, 30c each; 14-inch, 50c each.

Whale Oil Soap. 25e box.

Sulpho=Tobacco Soap. 25e box.

Hyacinth Glasses. Plain 15e, fancy 75c.

Atomizer and Sprayer.

It sprays directly upon plants without injuring anything near them, and throws a mist on the under side of the leaves, where injurious insects live and breed. A very handy article, with a multitude of uses in every household in addition to those above noted. See illustration. 50c each.



